

ROBINSON HELICOPTER COMPANY

R 6 6 ILLUSTRATED PARTS CATALOG

RTR 6 6 0 VOLUME II

Production Certificate Number 424WE

Type Certificate Number R00015LA



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OFFICE HOURS

Monday through Friday, 7:30 a.m. to 4:30 p.m., Pacific Time.
Lunch hour is 11:30 a.m. to 12:30 p.m.

HOLIDAYS

Please visit www.robinsonheli.com for a list of holidays and company shutdowns.

CUSTOMER SUPPORT AND SPARES ORDERS

Please visit www.robinsonheli.com for Customer Support contact information. Procure parts from any R66 Dealer or Service Center, or order directly from RHC Customer Service via email, fax, or phone.

PUBLICATIONS

Viewing RHC Maintenance Manuals (MMs) and Illustrated Parts Catalogs (IPCs) online at www.robinsonheli.com is recommended to ensure use of current data. Viewing MMs and IPCs offline via paper or digital download requires verification that the data is current. Refer to the online MM or IPC Revision Log for the list of current pages.

SUBSCRIPTION ORDER AND RENEWAL FORMS

Subscription order and renewal forms are located at www.robinsonheli.com.

WARRANTY INFORMATION

Helicopter and parts warranty information is located at www.robinsonheli.com.

CHAPTER LIST

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Chapter 8	Weight and Balance
Chapter 9	Ground Handling
Chapter 10	Parking and Storage
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TECHNICAL PUBLICATIONS

RECOMMENDED CHANGE REPORT

Please direct recommended changes to RHC Technical Publications via the email address listed below, by phone, or by submitting a duplicate of this completed form by fax or mail. Please include or have available the information detailed in this form.

Recommended changes may include but are not limited to general comments, corrections, omitted information, or clarification of instructions.

Please send recommendations to:

Email: techpubs@robinsonheli.com
Phone: (310) 539-0508
Fax: (310) 539-5198

Robinson Helicopter Company
Attention: Technical Publications
2901 Airport Drive
Torrance, CA 90505-6115
United States of America

Date:	_____	Publication:	_____
Name:	_____	Chapter:	_____
Company:	_____	Section:	_____
Helicopter Model:	_____	Page:	_____
Serial Number:	_____	Revision:	_____
Phone:	_____		
Email:	_____		

COMMENTS:

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CATALOG FEATURES

INTRODUCTION

The Illustrated Parts Catalog (IPC) is used in conjunction with the R66 Maintenance Manual (MM) to provide instructions for continued airworthiness. The IPC identifies parts, components, and detail parts that make up, and are required to support the R66 helicopter. RHC uses a modified Air Transport Association (ATA) chapter structure to organize the various systems of the R66 Helicopter.

The catalog features:

1. A chapter list
2. A table of contents located in the front of the catalog
3. A table of contents at the front of each chapter

PART DESIGNATION

Robinson parts are designated with a part number prefix "A", "B", "C", etc., followed by three digits and a dash number, such as A101-1. Robinson special tools are designated with a part number prefix "MT". For standard hardware items such as bolts, nuts, screws, etc., "AN", "MS", and "NAS" part numbers are used. When a rivet length is not specified, length must be determined by the installer. In some instances, vendor part numbers are also used.

PARTS AVAILABILITY

"X" indicates part is available as a separate spares item.

"O" indicates part is no longer available, or only available as part of a higher assembly.

CHANGE BARS

Change bars are located on the outside edge of the page, and indicate new or revised data. Change bars between lines indicate data was removed, and parts renumbered as required. Change bars on figure pages indicate changes to the figure somewhere across the page in the area of the change bar. A change bar encompassing the figure title and item 1 indicates the figure number changed. Change bars that are the full length of the page indicate all new data, usually a new figure and parts data.

ABBREVIATIONS

Assy – assembly	max – maximum	rev. – Revision
A/R – as required	min – minimum	RH – right hand
A.O.G. – Aircraft On Ground	MM – Maintenance Manual	RHC – Robinson Helicopter Company
Cont'd – continued	MR – main rotor	§ – Section
Incl – includes	OH/EXCH – Overhaul/Exchange	TR – Tail Rotor
LH – left hand	Ref – Part(s) "referenced" for clarity	TRDS – Tail Rotor Drive Shaft

ORDERING AND SHIPPING

All orders must include instructions for shipping.

WARRANTY

Helicopter and parts warranty information is located at www.robinsonheli.com, under customer support tab.

RETURNS

All parts or components shipped to RHC must include a signed Component Return/Authorization Form, which can be located at www.robinsonheli.com, under customer support tab. Return shipments must be prepaid.

No unused parts may be returned to RHC for credit if the parts show any indication whatsoever of use or damage. Parts returned within 30 days of purchase will be assessed a restocking fee. No parts may be returned after 30 days without prior RHC approval.

Continues

CATALOG FEATURES (Cont'd)**REVISIONS**

RHC Illustrated Parts Catalogs (IPCs) are available digitally at www.robinsonheli.com, under the Publications tab. Access to these publications does not require an account and is free of charge.

Viewing the IPC online is recommended to ensure use of current data.

Viewing the IPC offline via paper or digital download requires verification that the data is current. Refer to the online IPC Revision Log for the list of current pages.

Alphabetical and numerical indices have been deleted.

Sign up for free email notification of revisions to IPCs by sending an email to subscriptions@robinsonheli.com with "Subscribe email" in the subject line. Within the email, include name, email address, physical address, and helicopter model(s) of interest.

HOW TO USE THE ILLUSTRATED PARTS CATALOG

The IPCs are available digitally at www.robinsonheli.com, under the Publications tab. Files are available in PDF format. A keyword or part number search may help to locate applicable data. Open the chapter or full book PDF and launch a "search" or "find" window (Ctrl+F [PC] or Command+F [Mac]).

A search by system may be performed when the part number is not known. Go to the Chapter List on page iii, and determine the appropriate chapter. In the Chapter Table of Contents, determine from Figure titles where the item may logically appear. On the selected Figure illustration, locate the item and corresponding item number, and verify the item number by reading the description. Be sure to read any notes (indicated by asterisk) to ensure item is current for your aircraft.

PART INTERCHANGEABILITY

The following parts are interchangeable. Unless noted otherwise, whenever one part is referred to in this catalog, its substitute part is also permitted.

<u>PART:</u>	<u>INTERCHANGEABLE WITH:</u>
110-__ Telatemp	F110-__ Telatemp
22K1-048 Cap nut	B340-10 Cap nut
22K1-82 Cap nut	B340-4 Cap nut
354601 Fuse block	D262-1 Fuse block
354602 Fuse block	D262-2 Fuse block
4509 & Q4509 Lamp	B196-26 Lamp
4591 Lamp	B196-27 Lamp
511TS1-3 Switch	B300-4 Switch
94830A030 Nut	21FKF-518 Nut
AN_ and MS_ part	AS_ part or A880 part numbers
AN340 Nut	MS35649 Nut per NASM35649 except AN340B8 Nut
AN340B8 Nut	B301-8 Nut
AN345 Nut	MS35650 Nut per NASM35650
AN364 Nut	MS21083 Nut per NASM21083
AN507 Screw	MS24693 Screw per NASM24693
AN509 Screw	MS24694 Screw per NASM24694
AN515 Screw	MS35206 Screw per NASM35206
AN515C Screw	MS51957 Screw
AN515UB6R6 Screw	B567-25 Screw
AN515UB6R10 Screw	B567-28 Screw
AN515UB8R10 Screw	B567-43 Screw
AN515UB8R12 Screw	B567-44 Screw
AN515UB8R20 Screw	MS35214-47 Screw per NASM35214
AN525 & AN526 Screw	MS27039C Screw per NASM27039, or B526-6 or -8 Screw and B527-08 Washer per R66 MM § 6-71. Except where noted.
AN814 & MS24391 Plug	AS5169 Plug
AN815 & MS24392 Union	AS5174 Union
AN818-__ D Nut	AN818-__ W Nut
AN819 & MS20819 Sleeve	AS5176 Sleeve
AN822 & MS20822 Elbow	AS5195 Elbow
AN823 & MS20823 Elbow	AS5196 Elbow
AN825 & MS20825 Tee	AS5197 Tee
AN826 & MS20826 Tee	AS5198 Tee
AN894 & MS24398 Bushing	AS5173 Bushing
AN900 Gasket	MS35769 Gasket per AS35769
AN924 & MS24400 Nut	AS5178 Nut
AN931 Grommet	MS35489 Grommet
AN935 Lockwasher	B332-__ Lockwasher, dash number per MS35338
AN936 Lockwasher	MS35335 Lockwasher
AN960-4L Washer	NAS1149FN416P Washer
AN960-4 Washer	NAS1149FN432P Washer
AN960-6L Washer	NAS1149FN616P Washer
AN960-6 Washer	NAS1149FN632P Washer
AN960-8L Washer	NAS1149FN816P Washer
AN960-8 Washer	NAS1149FN832P Washer

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PART INTERCHANGEABILITY (Cont'd)

<u>PART:</u>	<u>INTERCHANGEABLE WITH:</u>
AN960-10L Washer	NAS1149F0332P Washer
AN960-10 Washer	NAS1149F0363P Washer
AN960-416L Washer	NAS1149F0432P Washer
AN960-416 Washer	NAS1149F0463P Washer
AN960-516L Washer	NAS1149F0532P Washer
AN960-516 Washer	NAS1149F0563P Washer
AN960-616L Washer	NAS1149F0632P Washer
AN960-616 Washer	NAS1149F0663P Washer
AN960-816L Washer	NAS1149F0832P Washer
AN960-816 Washer	NAS1149F0863P Washer
AN960-1016L Washer	NAS1149F1032P Washer
AN960-1016 Washer	NAS1149F1063P Washer
AN960PD8L Washer	NAS1149DN816J Washer
AN960PD416L Washer	NAS1149D0416J Washer
AN960PD516L Washer	NAS1149D0516J Washer
AN960PD616L Washer	NAS1149D0616J Washer
AVDEL 016__ Rivet	B204__ Rivet
B0500-022-S Washer	A478-2 Washer
B1000-035-S Washer	A478-3 Washer
B1000-043-S Washer	A478-4 Washer
B270-6 Sealant	A701-11 Tape
CCR244SS-3-02 Rivet	B204-5 Rivet
MS26574-__ Circuit breaker	B297-__ Circuit breaker, except B297-25 and B297-120
MS3320-20 Circuit breaker	B297-120 Circuit breaker
LW-18959-150-25 Clamp	B444-1 Clamp
LW-18959-163-25 Clamp	B444-2 Clamp
LW-18959-175-25 Clamp	B444-3 Clamp
MS20604ML4W1 Rivet	MS20604M4W1 Rivet per NASM20604
MS21042L3 thru L6 Nut	D210-3 thru -6 Nut*
MS21209__ Insert	MS21209__ L or NAS1130__ Insert
MS21919__ Clamp	AS21919__ Clamp
MS24665 CAD plated steel cotter pin	MS24665 CRES cotter pin per NASM24665
MS27039C080__ Screw	B526-6 or -8 Screw and B527-08 Washer per R66 MM § 6-71. Except where noted.
MS27151-__ Palnut	B330-__ Palnut
NAS1067 Nutplate	MS21086 Nutplate per NASM21086
NAS1068A__ Nutplate	MS21075L__ E Nutplate per NASM21075
NAS1291-04 thru -08 Nut	MS21042 Nut per NASM21042
NAS1291-3 thru -10 Nut	D210-3 thru -10 Nut*
NAS1303 thru NAS1320 Bolt, except 1307 Bolt	NAS6603 thru NAS6620** Bolt, except 6607 Bolt
NAS1919B0__ SO__ Rivet	NAS9301B-__ -0__ Rivet
NAS1921B0__ SO__ Rivet	NAS9302B-__ -0__ Rivet
NAS428-__ -__ Bolt	NAS428-__ A__ Bolt
NAS487 Instrument nut	MS33737 Instrument nut per NASM33737
NAS679A__ Nut	NAS1291-__ Nut
NAS679C__ M Nut	NAS1291C__ M Nut

* One-way interchangeability, only D210 nut shall be used for listed sizes.

** The following bolts must be NAS1300 series only: NAS1304-17, NAS1304-35, and NAS1305-35.

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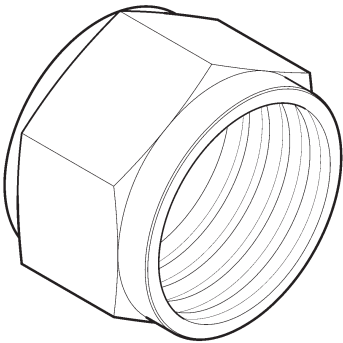
PART INTERCHANGEABILITY (Cont'd)

<u>PART:</u>	<u>INTERCHANGEABLE WITH:</u>
NAS696 Nutplate	MS21071 Nutplate per NASM21071
NAS697 Nutplate	MS21069 & MS21070 Nutplate per NASM21069 & NASM21070
NAS698 Nutplate	MS21073 Nutplate per NASM21073

A880 FLARED TUBE COMPONENTS

A. Nuts – Flare

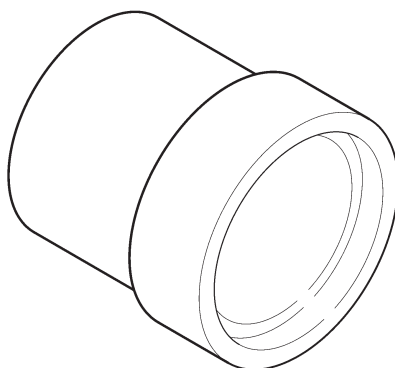
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-102	AN818-2D, AN818-2W, AS5175W02	AL	1/8-inch
-103	AN818-3D, AN818-3W, AS5175W03	AL	3/16-inch
-104	AN818-4D, AN818-4W, AS5175W04	AL	1/4-inch
-105	AN818-5D, AN818-5W, AS5175W05	AL	5/16-inch
-106	AN818-6D, AN818-6W, AS5175W06	AL	3/8-inch
-108	AN818-8D, AN818-8W, AS5175W08	AL	1/2-inch
-110	AN818-10D, AN818-10W, AS5175W10	AL	5/8-inch
-202	AN818-2J, AS5175J02	CRES	1/8-inch
-203	AN818-3J, AS5175J03	CRES	3/16-inch
-204	AN818-4J, AS5175J04	CRES	1/4-inch
-205	AN818-5J, AS5175J05	CRES	5/16-inch
-206	AN818-6J, AS5175J06	CRES	3/8-inch
-208	AN818-8J, AS5175J08	CRES	1/2-inch
-210	AN818-10J, AS5175J10	CRES	5/8-inch



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A880 FLARED TUBE COMPONENTS (Cont'd)
B. Sleeves

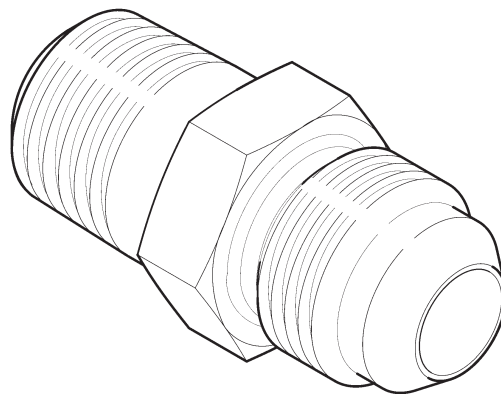
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-302	MS20819-2D, AS3220D02, AS3220W02	AL	1/8-inch
-303	MS20819-3D, AS3220D03, AS3220W03	AL	3/16-inch
-304	MS20819-4D, AS3220D04, AS3220W04	AL	1/4-inch
-305	MS20819-5D, AS3220D05, AS3220W05	AL	5/16-inch
-306	MS20819-6D, AS3220D06, AS3220W06	AL	3/8-inch
-308	MS20819-8D, AS3220D08, AS3220W08	AL	1/2-inch
-310	MS20819-10D, AS3220D10, AS3220W10	AL	5/8-inch
-402	MS20819-2J, AS5176J02	CRES	1/8-inch
-403	MS20819-3J, AS5176J03	CRES	3/16-inch
-404	MS20819-4J, AS5176J04	CRES	1/4-inch
-405	MS20819-5J, AS5176J05	CRES	5/16-inch
-406	MS20819-6J, AS5176J06	CRES	3/8-inch
-408	MS20819-8J, AS5176J08	CRES	1/2-inch
-410	MS20819-10J, AS5176J10	CRES	5/8-inch



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A880 FLARED TUBE COMPONENTS (Cont'd)
C. Adapters – NPT to Flare

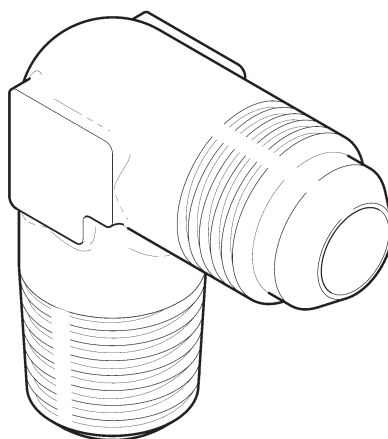
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-502	AN816-2D, AS5194D0202	AL	1/8-inch
-503	AN816-3D, AS5194D0302	AL	3/16-inch
-504	AN816-4D, AS5194D0402	AL	1/4-inch
-505	AN816-5D, AS5194D0502	AL	5/16-inch
-506	AN816-6D, AS5194D0604	AL	3/8-inch
-508	AN816-8D, AS5194D0806	AL	1/2-inch
-510	AN816-10D, AS5194D1008	AL	5/8-inch
-532	AN816-2J, AS5194J0202	CRES	1/8-inch
-533	AN816-3J, AS5194J0302	CRES	3/16-inch
-534	AN816-4J, AS5194J0402	CRES	1/4-inch
-535	AN816-5J, AS5194J0502	CRES	5/16-inch
-536	AN816-6J, AS5194J0604	CRES	3/8-inch
-538	AN816-8J, AS5194J0806	CRES	1/2-inch
-540	AN816-10J, AS5194J1008	CRES	5/8-inch
-562	AN816-2, AS5194-0202	STL	1/8-inch
-563	AN816-3, AS5194-0302	STL	3/16-inch
-564	AN816-4, AS5194-0402	STL	1/4-inch
-565	AN816-5, AS5194-0502	STL	5/16-inch
-566	AN816-6, AS5194-0604	STL	3/8-inch
-568	AN816-8, AS5194-0806	STL	1/2-inch
-570	AN816-10, AS5194-1008	STL	5/8-inch



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A880 FLARED TUBE COMPONENTS (Cont'd)
D. Elbows – 90°, NPT to Flare

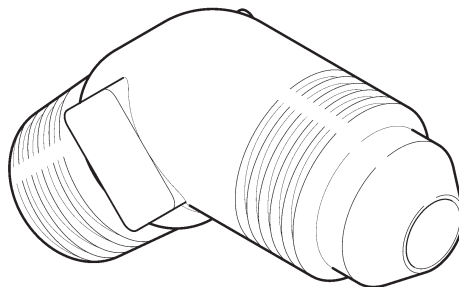
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-602	AN822-2D, MS20822-2D, AS5195W0202	AL	1/8-inch
-603	AN822-3D, MS20822-3D, AS5195W0302	AL	3/16-inch
-604	AN822-4D, MS20822-4D, AS5195W0402	AL	1/4-inch
-605	AN822-5D, MS20822-5D, AS5195W0502	AL	5/16-inch
-606	AN822-6D, MS20822-6D, AS5195W0604	AL	3/8-inch
-608	AN822-8D, MS20822-8D, AS5195W0806	AL	1/2-inch
-610	AN822-10D, MS20822-10D, AS5195W1008	AL	5/8-inch
-632	AN822-2J, MS20822-2J, AS5195J0202	CRES	1/8-inch
-633	AN822-3J, MS20822-3J, AS5195J0302	CRES	3/16-inch
-634	AN822-4J, MS20822-4J, AS5195J0402	CRES	1/4-inch
-635	AN822-5J, MS20822-5J, AS5195J0502	CRES	5/16-inch
-636	AN822-6J, MS20822-6J, AS5195J0604	CRES	3/8-inch
-638	AN822-8J, MS20822-8J, AS5195J0806	CRES	1/2-inch
-640	AN822-10J, MS20822-10J, AS5195J1008	CRES	5/8-inch
-662	AN822-2, MS20822-2, AS5195-0202	STL	1/8-inch
-663	AN822-3, MS20822-3, AS5195-0302	STL	3/16-inch
-664	AN822-4, MS20822-4, AS5195-0402	STL	1/4-inch
-665	AN822-5, MS20822-5, AS5195-0502	STL	5/16-inch
-666	AN822-6, MS20822-6, AS5195-0604	STL	3/8-inch
-668	AN822-8, MS20822-8, AS5195-0806	STL	1/2-inch
-670	AN822-10, MS20822-10, AS5195-1008	STL	5/8-inch



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A880 FLARED TUBE COMPONENTS (Cont'd)
E. Elbows – 45°, NPT to Flare

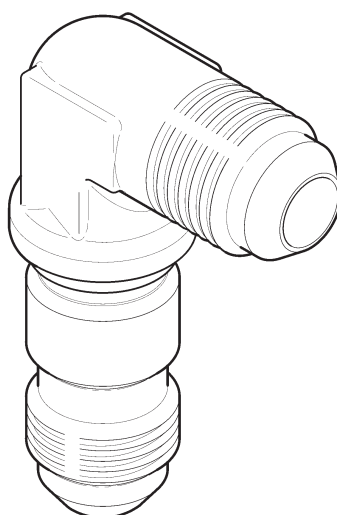
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-702	AN823-2D, MS20823-2D, AS5196W0202	AL	1/8-inch
-703	AN823-3D, MS20823-3D, AS5196W0302	AL	3/16-inch
-704	AN823-4D, MS20823-4D, AS5196W0402	AL	1/4-inch
-705	AN823-5D, MS20823-5D, AS5196W0502	AL	5/16-inch
-706	AN823-6D, MS20823-6D, AS5196W0604	AL	3/8-inch
-708	AN823-8D, MS20823-8D, AS5196W0806	AL	1/2-inch
-710	AN823-10D, MS20823-10D, AS5196W1008	AL	5/8-inch
-732	AN823-2J, MS20823-2J, AS5196J0202	CRES	1/8-inch
-733	AN823-3J, MS20823-3J, AS5196J0302	CRES	3/16-inch
-734	AN823-4J, MS20823-4J, AS5196J0402	CRES	1/4-inch
-735	AN823-5J, MS20823-5J, AS5196J0502	CRES	5/16-inch
-736	AN823-6J, MS20823-6J, AS5196J0604	CRES	3/8-inch
-738	AN823-8J, MS20823-8J, AS5196J0806	CRES	1/2-inch
-740	AN823-10J, MS20823-10J, AS5196J1008	CRES	5/8-inch
-762	AN823-2, MS20823-2, AS5196-0202	STL	1/8-inch
-763	AN823-3, MS20823-3, AS5196-0302	STL	3/16-inch
-764	AN823-4, MS20823-4, AS5196-0402	STL	1/4-inch
-765	AN823-5, MS20823-5, AS5196-0502	STL	5/16-inch
-766	AN823-6, MS20823-6, AS5196-0604	STL	3/8-inch
-768	AN823-8, MS20823-8, AS5196-0806	STL	1/2-inch
-770	AN823-10, MS20823-10, AS5196-1008	STL	5/8-inch



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A880 FLARED TUBE COMPONENTS (Cont'd)
F. Elbows – 90°, Bulkhead Flare to Flare

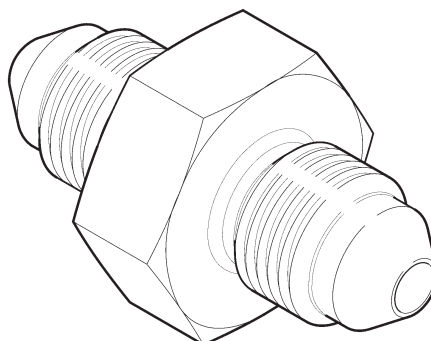
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-802	AN833-2D, AS1038D0202, AS1038W0202	AL	1/8-inch
-803	AN833-3D, AS1038D0303, AS1038W0303	AL	3/16-inch
-804	AN833-4D, AS1038D0404, AS1038W0404	AL	1/4-inch
-805	AN833-5D, AS1038D0505, AS1038W0505	AL	5/16-inch
-806	AN833-6D, AS1038D0606, AS1038W0606	AL	3/8-inch
-808	AN833-8D, AS1038D0808, AS1038W0808	AL	1/2-inch
-810	AN833-10D, AS1038D1010, AS1038W1010	AL	5/8-inch
-832	AN833-2J, AS1038J0202	CRES	1/8-inch
-833	AN833-3J, AS1038J0303	CRES	3/16-inch
-834	AN833-4J, AS1038J0404	CRES	1/4-inch
-835	AN833-5J, AS1038J0505	CRES	5/16-inch
-836	AN833-6J, AS1038J0606	CRES	3/8-inch
-838	AN833-8J, AS1038J0808	CRES	1/2-inch
-840	AN833-10J, AS1038J1010	CRES	5/8-inch
-862	AN833-2, AS1038-0202	STL	1/8-inch
-863	AN833-3, AS1038-0303	STL	3/16-inch
-864	AN833-4, AS1038-0404	STL	1/4-inch
-865	AN833-5, AS1038-0505	STL	5/16-inch
-866	AN833-6, AS1038-0606	STL	3/8-inch
-868	AN833-8, AS1038-0808	STL	1/2-inch
-870	AN833-10, AS1038-1010	STL	5/8-inch



Continues

A880 FLARED TUBE COMPONENTS (Cont'd)
G. Unions – Flare to Flare

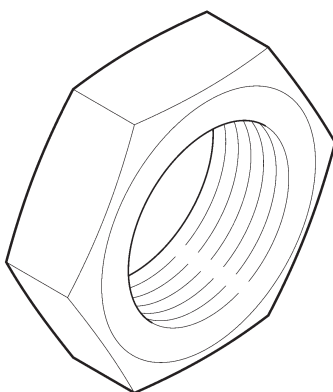
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-902	AN815-2D, AS5174D0202, AS5174W0202	AL	1/8-inch
-903	AN815-3D, AS5174D0303, AS5174W0303	AL	3/16-inch
-904	AN815-4D, AS5174D0404, AS5174W0404	AL	1/4-inch
-905	AN815-5D, AS5174D0505, AS5174W0505	AL	5/16-inch
-906	AN815-6D, AS5174D0606, AS5174W0606	AL	3/8-inch
-908	AN815-8D, AS5174D0808, AS5174W0808	AL	1/2-inch
-910	AN815-10D, AS5174D1010, AS5174W1010	AL	5/8-inch
-932	AN815-2J, AS5174J0202	CRES	1/8-inch
-933	AN815-3J, AS5174J0303	CRES	3/16-inch
-934	AN815-4J, AS5174J0404	CRES	1/4-inch
-935	AN815-5J, AS5174J0505	CRES	5/16-inch
-936	AN815-6J, AS5174J0606	CRES	3/8-inch
-938	AN815-8J, AS5174J0808	CRES	1/2-inch
-940	AN815-10J, AS5174J1010	CRES	5/8-inch
-962	AN815-2, AS5174-0202	STL	1/8-inch
-963	AN815-3, AS5174-0303	STL	3/16-inch
-964	AN815-4, AS5174-0404	STL	1/4-inch
-965	AN815-5, AS5174-0505	STL	5/16-inch
-966	AN815-6, AS5174-0606	STL	3/8-inch
-968	AN815-8, AS5174-0808	STL	1/2-inch
-970	AN815-10, AS5174-1010	STL	5/8-inch



Continues

A880 FLARED TUBE COMPONENTS (Cont'd)
H. Nuts – Hex

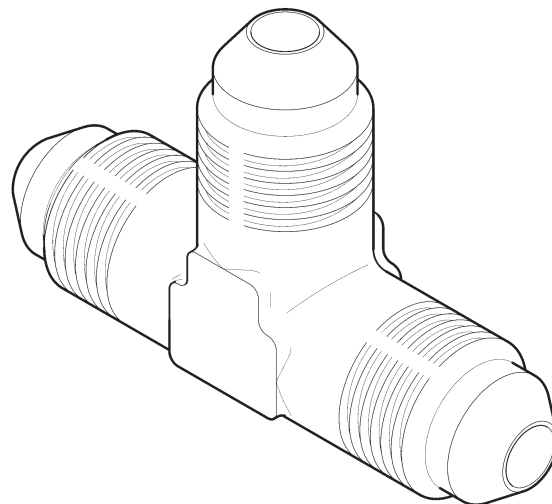
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-1002	AN924-2D, AN924-2W, AS5178W02	AL	1/8-inch
-1003	AN924-3D, AN924-3W, AS5178W03	AL	3/16-inch
-1004	AN924-4D, AN924-4W, AS5178W04	AL	1/4-inch
-1005	AN924-5D, AN924-5W, AS5178W05	AL	5/16-inch
-1006	AN924-6D, AN924-6W, AS5178W06	AL	3/8-inch
-1008	AN924-8D, AN924-8W, AS5178W08	AL	1/2-inch
-1010	AN924-10D, AN924-10W, AS5178W10	AL	5/8-inch
-1032	AN924-2J, AS5178J02	CRES	1/8-inch
-1033	AN924-3J, AS5178J03	CRES	3/16-inch
-1034	AN924-4J, AS5178J04	CRES	1/4-inch
-1035	AN924-5J, AS5178J05	CRES	5/16-inch
-1036	AN924-6J, AS5178J06	CRES	3/8-inch
-1038	AN924-8J, AS5178J08	CRES	1/2-inch
-1040	AN924-10J, AS5178J10	CRES	5/8-inch
-1062	AN924-2, AS5178-02	STL	1/8-inch
-1063	AN924-3, AS5178-03	STL	3/16-inch
-1064	AN924-4, AS5178-04	STL	1/4-inch
-1065	AN924-5, AS5178-05	STL	5/16-inch
-1066	AN924-6, AS5178-06	STL	3/8-inch
-1068	AN924-8, AS5178-08	STL	1/2-inch
-1070	AN924-10, AS5178-10	STL	5/8-inch



Continues

A880 FLARED TUBE COMPONENTS (Cont'd)
I. Tees – NPT to Flare

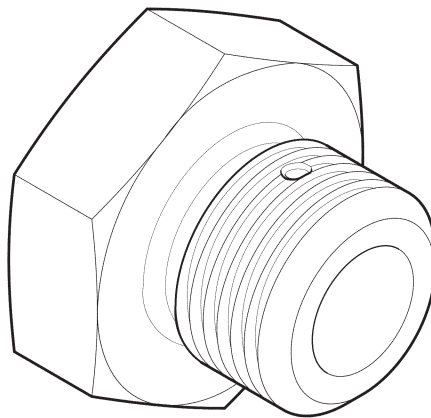
Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-1102	AN826-2D, MS20826-2D, AS5198W020202	AL	1/8-inch
-1103	AN826-3D, MS20826-3D, AS5198W030203	AL	3/16-inch
-1104	AN826-4D, MS20826-4D, AS5198W040204	AL	1/4-inch
-1105	AN826-5D, MS20826-5D, AS5198W050205	AL	5/16-inch
-1106	AN826-6D, MS20826-6D, AS5198W060406	AL	3/8-inch
-1108	AN826-8D, MS20826-8D, AS5198W080608	AL	1/2-inch
-1110	AN826-10D, MS20826-10D, AS5198W100810	AL	5/8-inch
-1132	AN826-2J, MS20826-2J, AS5198J020202	CRES	1/8-inch
-1133	AN826-3J, MS20826-3J, AS5198J030203	CRES	3/16-inch
-1134	AN826-4J, MS20826-4J, AS5198J040204	CRES	1/4-inch
-1135	AN826-5J, MS20826-5J, AS5198J050205	CRES	5/16-inch
-1136	AN826-6J, MS20826-6J, AS5198J060406	CRES	3/8-inch
-1138	AN826-8J, MS20826-8J, AS5198J080608	CRES	1/2-inch
-1140	AN826-10J, MS20826-10J, AS5198J100810	CRES	5/8-inch
-1162	AN826-2, MS20826-2, AS5198-020202	STL	1/8-inch
-1163	AN826-3, MS20826-3, AS5198-030203	STL	3/16-inch
-1164	AN826-4, MS20826-4, AS5198-040204	STL	1/4-inch
-1165	AN826-5, MS20826-5, AS5198-050205	STL	5/16-inch
-1166	AN826-6, MS20826-6, AS5198-060406	STL	3/8-inch
-1168	AN826-8, MS20826-8, AS5198-080608	STL	1/2-inch
-1170	AN826-10, MS20826-10, AS5198-100810	STL	5/8-inch



Continues

A880 FLARED TUBE COMPONENTS (Cont'd)
J. Plugs without Holes

Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-1202	AN814-2D, AN814-2W, AS5169D02, AS5169W02	AL	1/8-inch
-1203	AN814-3D, AN814-3W, AS5169D03, AS5169W03	AL	3/16-inch
-1204	AN814-4D, AN814-4W, AS5169D04, AS5169W04	AL	1/4-inch
-1205	AN814-5D, AN814-5W, AS5169D05, AS5169W05	AL	5/16-inch
-1206	AN814-6D, AN814-6W, AS5169D06, AS5169W06	AL	3/8-inch
-1208	AN814-8D, AN814-8W, AS5169D08, AS5169W08	AL	1/2-inch
-1210	AN814-10D, AN814-10W, AS5169D10, AS5169W10	AL	5/8-inch
-1232	AN814-2J, AS5169J02	CRES	1/8-inch
-1233	AN814-3J, AS5169J03	CRES	3/16-inch
-1234	AN814-4J, AS5169J04	CRES	1/4-inch
-1235	AN814-5J, AS5169J05	CRES	5/16-inch
-1236	AN814-6J, AS5169J06	CRES	3/8-inch
-1238	AN814-8J, AS5169J08	CRES	1/2-inch
-1240	AN814-10J, AS5169J10	CRES	5/8-inch
-1262	AN814-2, AS5169-02	STL	1/8-inch
-1263	AN814-3, AS5169-03	STL	3/16-inch
-1264	AN814-4, AS5169-04	STL	1/4-inch
-1265	AN814-5, AS5169-05	STL	5/16-inch
-1266	AN814-6, AS5169-06	STL	3/8-inch
-1268	AN814-8, AS5169-08	STL	1/2-inch
-1270	AN814-10, AS5169-10	STL	5/8-inch



Continues

A880 FLARED TUBE COMPONENTS (Cont'd)
K. Plugs with Holes

Dash Numbers	Allowable Part Numbers	Material REF	Tube OD REF
-1302	AN814-2DL, AN814-2WL, AS5169D02L, AS5169W02L	AL	1/8-inch
-1303	AN814-3DL, AN814-3WL, AS5169D03L, AS5169W03L	AL	3/16-inch
-1304	AN814-4DL, AN814-4 WL, AS5169D04L, AS5169W04L	AL	1/4-inch
-1305	AN814-5DL, AN814-5WL, AS5169D05L, AS5169W05L	AL	5/16-inch
-1306	AN814-6DL, AN814-6WL, AS5169D06L, AS5169W06L	AL	3/8-inch
-1308	AN814-8DL, AN814-8WL, AS5169D08L, AS5169W08L	AL	1/2-inch
-1310	AN814-10DL, AN814-10WL, AS5169D10L, AS5169W10L	AL	5/8-inch
-1332	AN814-2JL, AS5169J02L	CRES	1/8-inch
-1333	AN814-3JL, AS5169J03L	CRES	3/16-inch
-1334	AN814-4JL, AS5169J04L	CRES	1/4-inch
-1335	AN814-5JL, AS5169J05L	CRES	5/16-inch
-1336	AN814-6JL, AS5169J06L	CRES	3/8-inch
-1338	AN814-8JL, AS5169J08L	CRES	1/2-inch
-1340	AN814-10JL, AS5169J10L	CRES	5/8-inch
-1362	AN814-2L, AS5169-02L	STL	1/8-inch
-1363	AN814-3L, AS5169-03L	STL	3/16-inch
-1364	AN814-4L, AS5169-04L	STL	1/4-inch
-1365	AN814-5L, AS5169-05L	STL	5/16-inch
-1366	AN814-6L, AS5169-06L	STL	3/8-inch
-1368	AN814-8L, AS5169-08L	STL	1/2-inch
-1370	AN814-10L, AS5169-10L	STL	5/8-inch

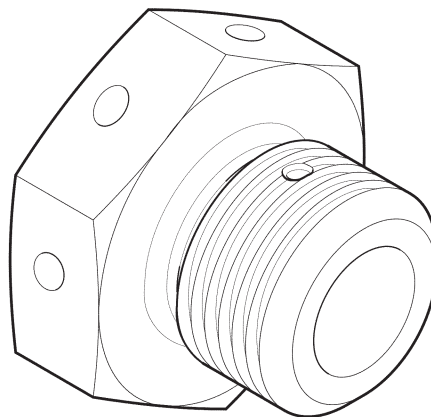


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ACCESS PANELS – AFT CABIN		
6-3-1	F461-1	Cover Assembly	X	1
2	MS27039C0807	Screw	X	4
3	MS27039C0806	Screw	X	31
4	F463-1	Cover Assembly	X	1
5	MS27039C0805	Screw	X	4
6	F859-03	Harness Assembly (cabin; Ref)		
7	F467-1	Cover	X	1
	F467-3	Cover (pop-out floats; not shown)	X	1
8	NAS1149FN816P	Washer	X	3
9	B340-4	Nut	X	3
10	B209-8	Plug (flight controls access)	X	1
11	F474-2	Cover	X	1
12	MS24694-S4	Screw	X	4
13	B175-12	Loop Tape	X	A/R
14	F380-8	Angle	X	1
15	F474-1	Cover Assembly (see Figure 25-1 for seat details)	X	1
NOTES				

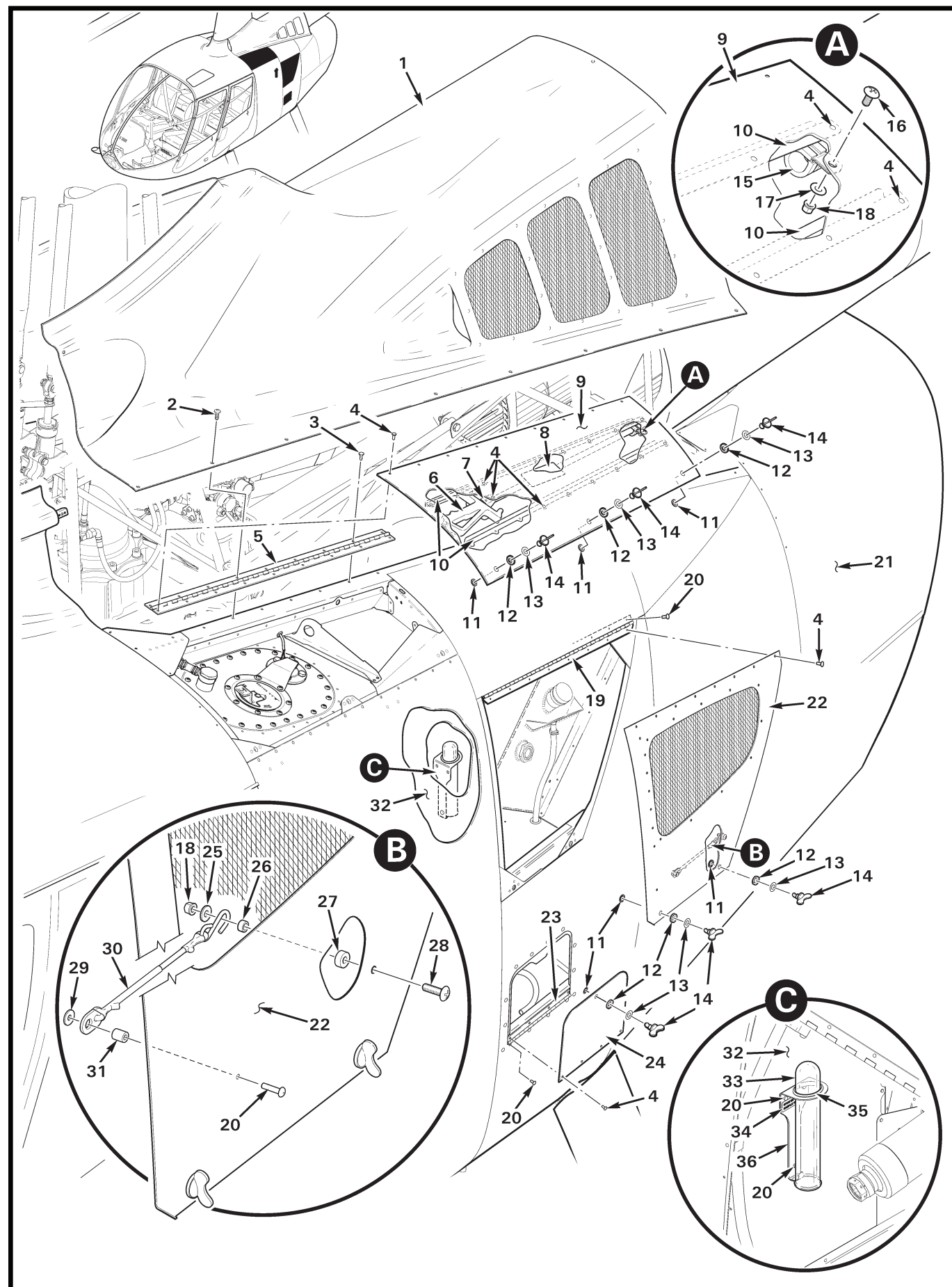
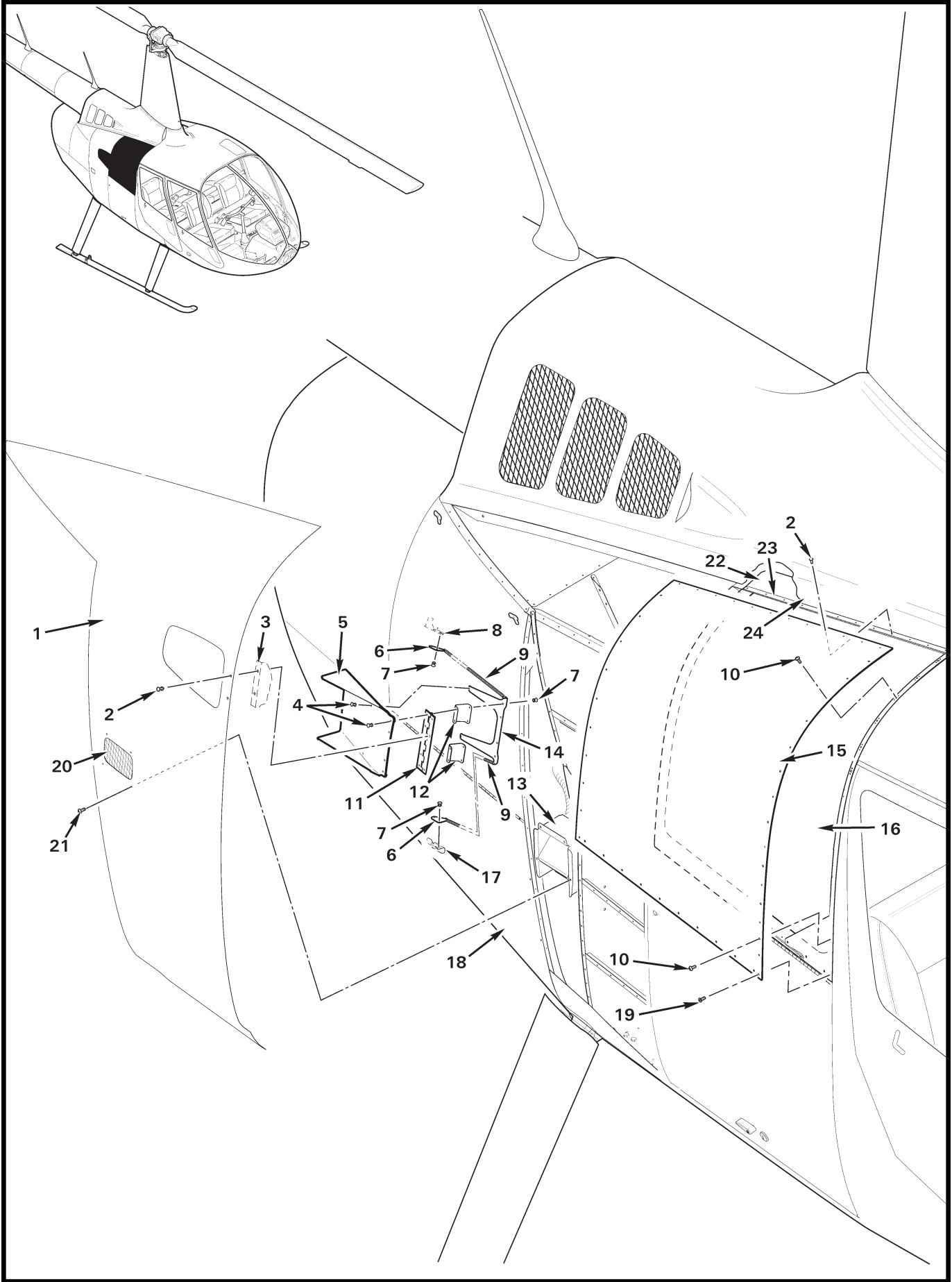


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ACCESS PANELS – AFT FUSELAGE (LH)		
6-5-1	F706-1	Cowling	X	1
2	B526-6	Screw	X	24
3	MS20426AD3	Rivet	X	7
4	MS20470AD3	Rivet	X	35
5	G925-1	Hinge	X	1
6	MT106-2	Fuel Dipstick	X	1
7	G926-9	Bracket	X	1
8	G682-20	Decal – "STOW MT106-2 FUEL DIPSTICK"	X	1
9	G004-2	Door	X	1
10	G926-5	Stiffener	X	2
11	85-34-201-20	Retaining Ring	X	6
12	85-46-101-39	Washer	X	6
13	NAS1149C0516R	Washer ([shim] increases stud axial preload on receptacle) . .	X	A/R
14	85-12-140-16	Stud (or 85-12-160-16 as required)	X	6
15	MS21919WDG8	Clamp	X	1
16	AN526C832R6	Screw	X	1
17	NAS1149CN816P	Washer	X	1
18	MS21042L08	Nut	X	2
19	G925-4	Hinge (install using item 20)	X	1
20	MS20470AD4	Rivet	X	17
21	G040-1	Cowling Assembly (Ref)		
	G040-7	Cowling Assembly (Ref; with A/C installed)		
22	G004-10	Door (install using item 4)	X	1
23	G925-1	Hinge (install using item 20)	X	1
24	G927-1	Door (install using item 4)	X	1
25	NAS1149FN832P	Washer	X	1
26	A130-13	Spacer	X	1
27	A130-37	Spacer	X	1
28	AN526-C832R10	Screw (do not substitute with MS27039 screws)	X	1
29	NAS1149FN632P	Washer	X	1
30	D918-5	Elastic Cord Assembly	X	1
31	A130-55	Spacer	X	1
32	—	Aft Bulkhead – Fuel Bladder Support Assembly (Ref)		
33	MT106-3	Tube (sample)	X	1
34	G682-21	Decal – "STOW FUEL SAMPLE TUBE HERE"	X	1
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ACCESS PANELS – AFT FUSELAGE (LH; Cont'd)		
6-5-35	NAS557-16A	Grommet	X	1
36	MT106-1	Holder Assembly (includes items 34 and 35; install using item 20 [3])	X	1
		* * *		
37	KI-230*	Fuel Sample Tube Installation Kit	X	A/R
38	KI-231*	MT106-2 Fuel Dipstick and Holder Installation Kit (Incl items 4, 6 thru 8, and 15 thru 18)	X	A/R
NOTES * See www.robinsonheli.com for kit contents and instructions.				

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CHAPTER 10

PARKING AND STORAGE

<i>Figure</i>	<i>Title</i>	<i>Page</i>
10-1	Main Rotor Blade Tie-Downs	10.0
10-3	Helicopter Cabin Covers	10.2
10-5	Hardpoint Hinge and Tie-Down Ring Installations	10.4
10-7	Main Rotor Blade Support Installation	10.6
10-9	Cover Assembly – Exhaust	10.8
10-11	Belly Tie-Down Installation	10.10

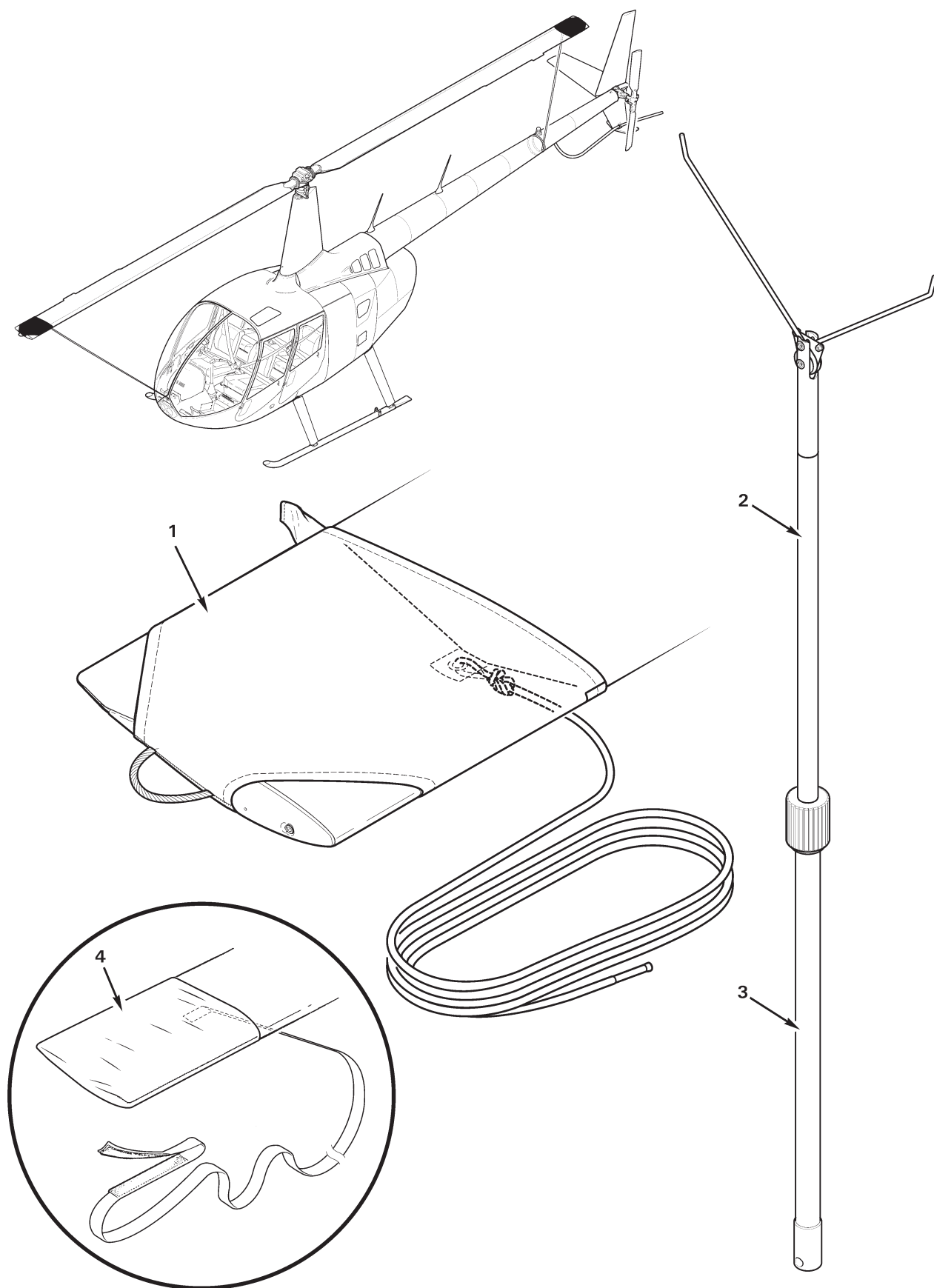


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		MAIN ROTOR BLADE TIE-DOWNS		
10-1-1	MT290-3	Main Rotor Blade Tie-Down (Revision "J" and subsequent, nylon rope. Set of two.)	X	1
2	MT570-1	Main Rotor Blade Tie-Down Installation Tool (Incl item 3)	X	1
3	7743T61	Extension (telescopic)	X	1
4	MT290-3	Main Rotor Blade Tie-Down (Revision "I" and prior, nylon webbing with hook and loop tape; no longer available.)	O	1
NOTES				

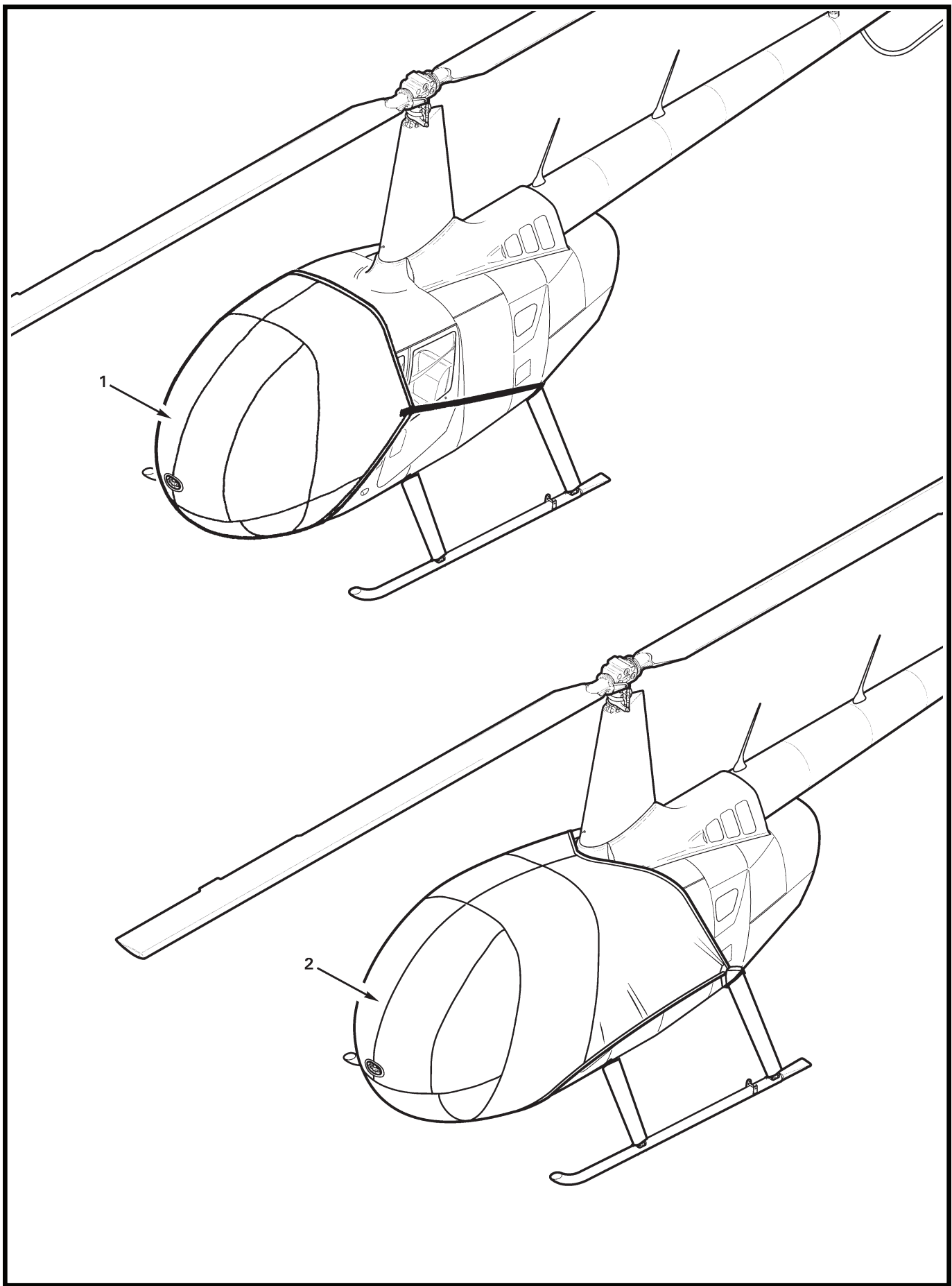


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		COVER ASSEMBLY – EXHAUST		
10-9-1	MT293-1	Cover Assembly	X	1
2	G039-1	Ring (Ref)		
3	MS20470AD3	Rivet (Ref)		
4	G040	Aft Engine Cowling (Ref)		
NOTES				

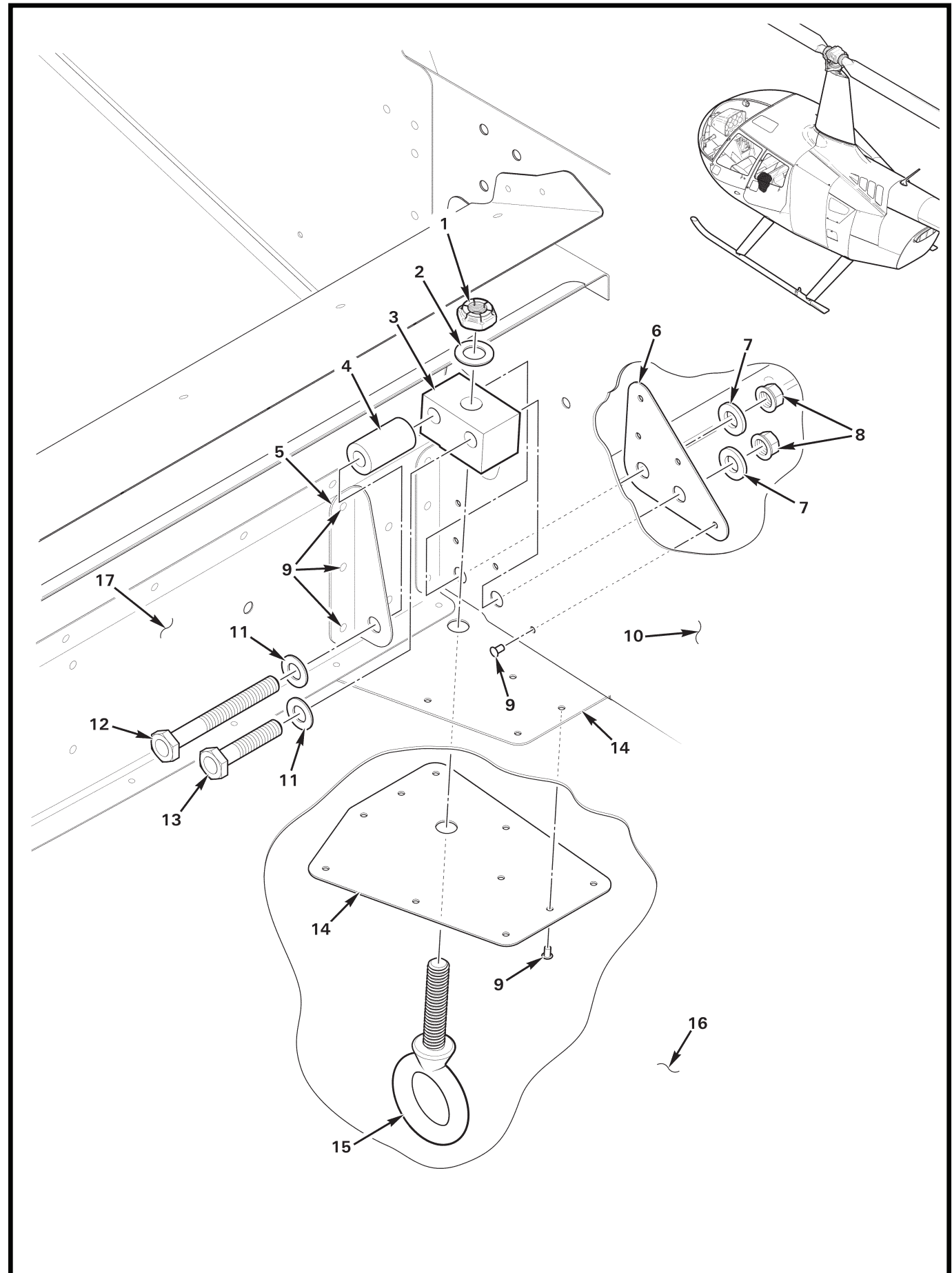


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		BELLY TIE-DOWN INSTALLATION		
10-11-1	21FKF-518	Nut	X	1
2	NAS1149F0532P	Washer	X	1
3	C700-1	Block	X	1
4	A130-43	Spacer	X	1
5	G124-2	Angle	X	1
6	G124-3	Doubler (Ref)		
7	NAS1149F0463P	Washer	X	2
8	D210-4	Nut	X	2
9	MS20470AD4	Rivet	X	17
10	F293-1	Keel Panel (Ref)		
11	NAS1149F0432P	Washer	X	2
12	NAS6604-28	Bolt	X	1
13	NAS6604-13	Bolt	X	1
14	F700-4	Doubler (sandwich chin; seal all around both doublers using B270-1 sealant after installation)	X	2
15	33045T28	Eyebolt	X	1
16	F272-1	Chin (Ref)		
17	G230-1	Bulkhead (Ref)		
NOTES				

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CHAPTER 11

PLACARDS AND MARKINGS

<i>Figure</i>	<i>Title</i>	<i>Page</i>
11-1	Placards and Markings	11.0
11-5	Placards and Markings	11.4
11-7	Placards and Markings (Brazilian)	11.6
11-11	Placards and Markings (Brazilian)	11.10
11-13	Placards and Markings (Chinese)	11.12
11-15	Placards and Markings (Hebrew)	11.14
11-17	Placards and Markings (Hebrew)	11.16
11-19	Placards and Markings (Japanese)	11.18
11-21	Placards and Markings (Russian)	11.20
11-23	Placards and Markings (Russian)	11.22

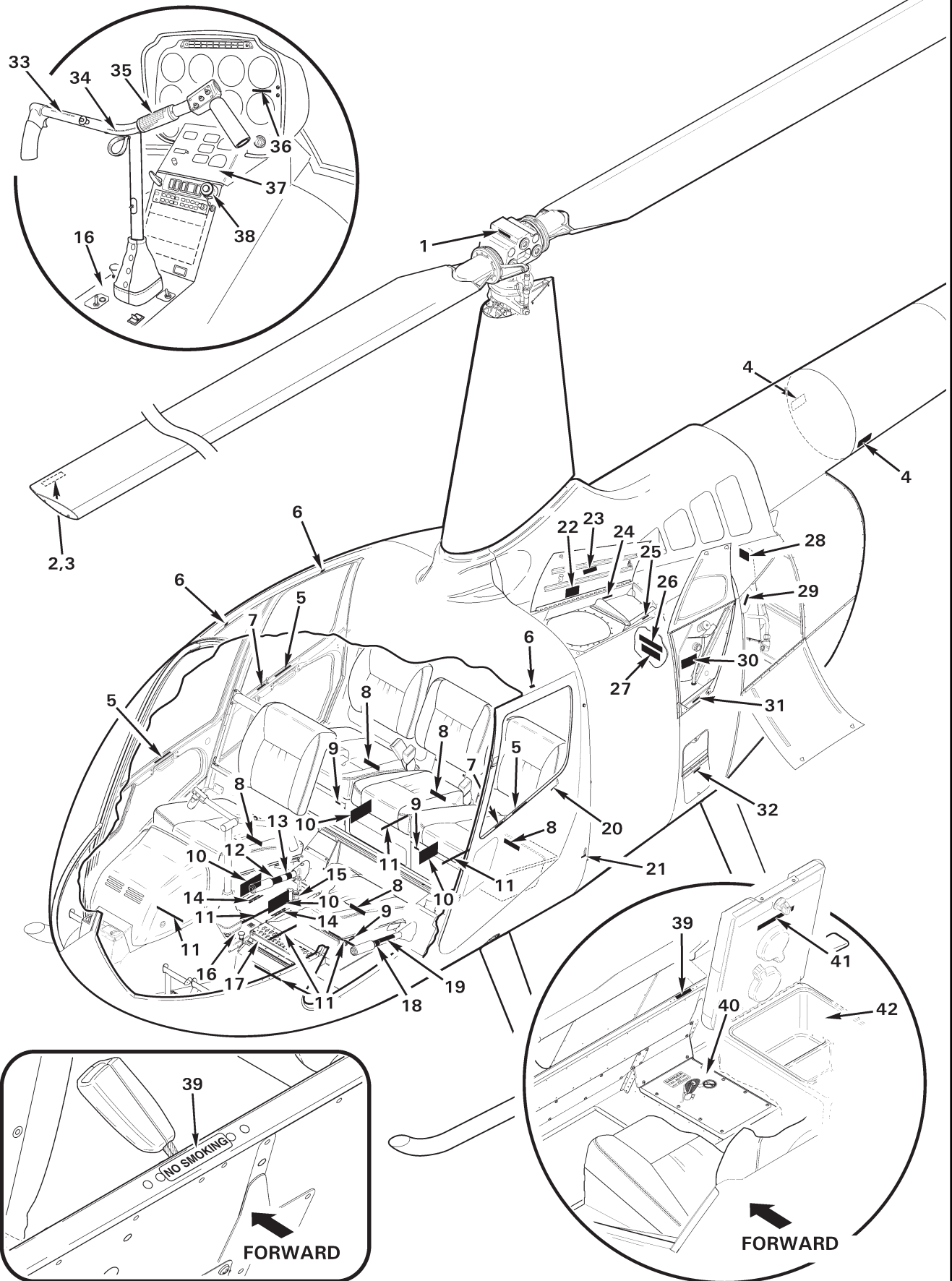


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS*		
11-1-1	A654-18	Decal – "LEVEL HERE"	X	1
2	A654-25	Decal – "NEVER PULL DOWN / PUSH UP OPPOSITE BLADE" (seal edges using item 3)	X	2
3	B270-25	Clear Coat (1/2 oz. bottle)	X	A/R
4	A654-94	Decal – "DANGER HOT EXHAUST"	X	2
5	F654-21	Decal – "TO CLOSE: SLIDE HANDLE AFT AND DOWN..." . . .	X	4
6	F654-22	Decal – "EXIT"	X	4
7	F654-20	Decal – "PUSH TO LOCK / DO NOT LOCK IN FLIGHT"	X	2
8	F654-19	Decal – "ENERGY-ABSORBING SEAT / DO NOT MODIFY" . . .	X	5
9	C654-17	Decal – "INTERCOM"	X	3
10	F654-10	Decal – "CAUTION"	X	4
11	F654-17	Decal – "MAX FILL LINE"	X	7
12	F654-1	Decal – "THROTTLE OPEN"	X	1
13	A654-7	Decal – "FRICTION INCREASE"	X	1
14	F445-1	Marking – "NO STOWAGE KEEP AREA CLEAR" (Ref)		
	F445-3	Marking – "NO STOWAGE KEEP AREA CLEAR" (float ships; not shown, Ref)		
15	A654-45	Decal – "FUEL CONTROL ..."	X	1
16	F444-1	Marking – "NO SMOKING"	X	1
17	F490-3	Panel Assembly – Circuit Breaker	X	1
	F490-1	Panel Assembly – Circuit Breaker (earlier R66s)	X	1
18	A654-6	Decal – "THROTTLE OPEN"	X	1
19	A654-21	Decal – "NO STOWAGE / KEEP AREA CLEAR"	X	1
20	A654-12	Decal – "OPEN" (black lettering)	X	2
	A654-10	Decal – "OPEN" (white lettering)	X	2
21	C654-7	Decal – "STATIC PORT" (black lettering)	X	2
	C654-8	Decal – "STATIC PORT" (white lettering)	X	2
22	F654-5	Decal – "FUEL GRADE"	X	1
23	G682-20	Decal – "STOW MT106-2 FUEL DIPSTICK HERE..."	X	1
24	G682-32	Decal – "GROUND HERE BEFORE..."	X	1
25	F654-15	Decal – "STEP HERE/HAND HOLD"	X	1
26	G654-1	Decal – "ENGINE COMPRESSOR RINSE CONNECTION"	X	1
27	F654-12	Decal – "HYDRAULIC FLUID AND GEARBOX OIL"	X	1
28	23052363**	Decal – "WARNING: FAILURE TO PROPERLY INSTALL..." . . .	X	1
29	A654-38	Decal – "PUSH TO OPEN"	X	1
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. ** Rolls Royce part number.				
				Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (Cont'd)		
11-1-30	F654-3	Decal – "ENGINE OIL"	X	1
31	F654-11	Decal – "STEP HERE"	X	1
32	F654-16	Decal – "STEP HERE LEFT FOOT"	X	1
33	A321-21	Marking – "SOLO FROM RIGHT SEAT ONLY" (Ref; Weldment, Pistol Grip; see Figure 67-11)		
	A321-19	Marking – "SOLO FROM RIGHT SEAT ONLY" (Ref; Weldment, Pistol Grip; earlier R66s)		
34	A756-25	Marking – "LOW-G PUSHOVERS PROHIBITED" (Ref; Weldment, Pistol Grip; see Figure 67-11)		
	A756-24	Marking – "LOW-G PUSHOVERS PROHIBITED" (Ref; Weldment, Pistol Grip; earlier R66s, see Figure 67-11)		
35	F654-4	Decal – "NEVER EXCEED SPEED"	X	1
	F654-28	Decal – "NEVER EXCEED SPEED" (float ships / police version; not shown)	X	1
36	G654-5	Decal – "TRANSIENT OPERATION ONLY 75-88% N2..."	X	A/R
37	B051-20	Face Assembly – "R66 TURBINE" (Phaostron)	X	1
38	A654-45	Decal – "FUEL CONTROL GUARD INSTALL BEFORE TAKEOFF"	X	1
39	A654-17	Decal – "NO SMOKING"	X	1
40	F463-1	Marking – "DANGER TAIL ROTOR AND HOT EXHAUST"	X	1
41	F654-27	Decal – "MAXIMUM COMPARTMENT CAPACITY: 10 LB (4.5 KG)"	X	1
42	G749-2	Console Assembly (Ref; includes item 41)		

NOTES * Decal and Marking text in quotes. Markings are silk screened on component.

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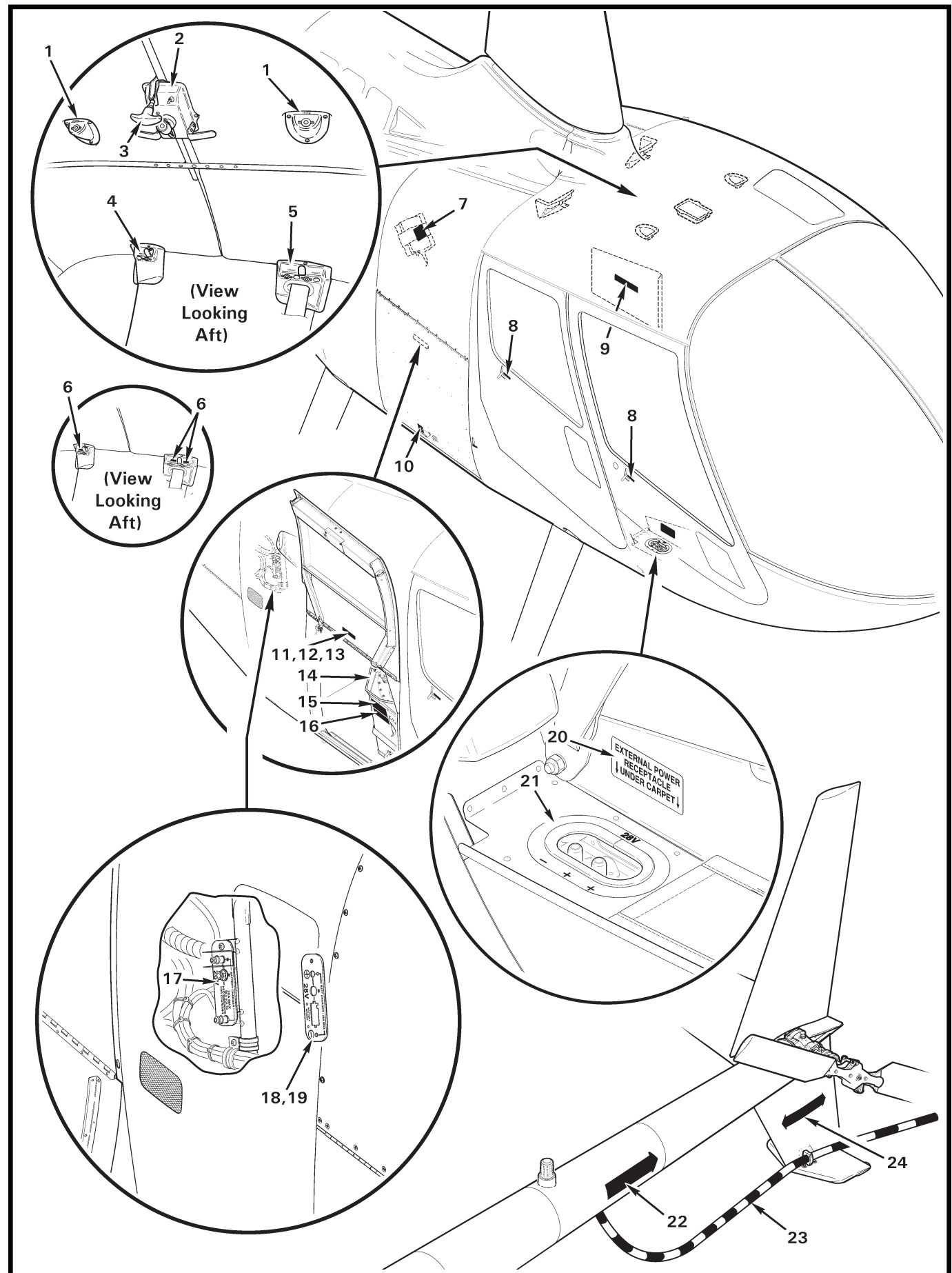


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS*		
11-5-1	C710-1	Marking – "HEADSET" (Cover; Ref)		
2	C712-2	Marking – "MAP LIGHT HIGH/LOW/OFF, CABIN LIGHT ON/OFF" (Ref)		
3	D119-1	Marking – "BRAKE" (knob)	X	1
4	F436-6	Marking – "HEADSET" (RH, cover assembly)	X	1
5	F436-5	Marking – "HEADSET" (LH, cover assembly)	X	1
6	A654-16	Decal – "HEADSET" (earlier R66s)	X	3
7	F654-25	Decal (dongle and elt programming)	X	1
8	A654-11	Decal – "OPEN" (black lettering)	X	2
	A654-9	Decal – "OPEN" (white lettering)	X	2
9	F654-24	Decal – "BATTERY LOCATED BEHIND THIS PANEL"	X	1
10	F654-8	Decal – "LATCH" (black lettering)	X	1
	F654-9	Decal – "LATCH" (white lettering)	X	1
11	F654-7	Decal – "CAUTION..."	X	1
12	G682-40	Decal – "CAUTION..." (load maximums)	X	1
	G682-30	Decal – "CAUTION..." (aux fuel tank installed; earlier R66s)	X	1
13	F654-26	Decal – "CAUTION..." (police version)	X	1
14	G010-2	AUX Tank Assembly (Ref)		
15	F654-5	Decal – "JET FUEL ONLY..."	X	1
16	G682-37	Decal – "43.5 US GAL (165L) CAUTION..." (weight limitations)	X	1
	G682-41	Decal – "23.2 US GAL (88L) CAUTION..." (weight limitations)	X	1
17	G598-7	Marking – "28V / BATT CHARGER – 20A MAX" (faceplate)	X	1
18	G598-5	Marking – "28V / BATT CHARGER – 20A MAX" (faceplate, for spares)	X	1
	G598-3	Marking – "28V / BATT CHARGER – 10A MAX" (faceplate, for spares)	X	1
19	G598-2	Marking – "28V / BATT CHARGE" (faceplate; supersedes G598-1)	X	A/R
	G598-1	Marking – "28V / BATT CHARGE" (faceplate, earlier R66s) . .	O	1
20	G682-2	Decal – "EXTERNAL POWER RECEPTACLE UNDER CARPET" (white lettering)	X	1
21	G682-1	Decal – + "28V" (red lettering)	X	1
22	A654-3	Decal – "DANGER"	X	2
23	D079-1	Tail Rotor Guard (Ref, see Figure 53-25)		
24	C654-2	Decal – "DANGER"	X	2
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1.				

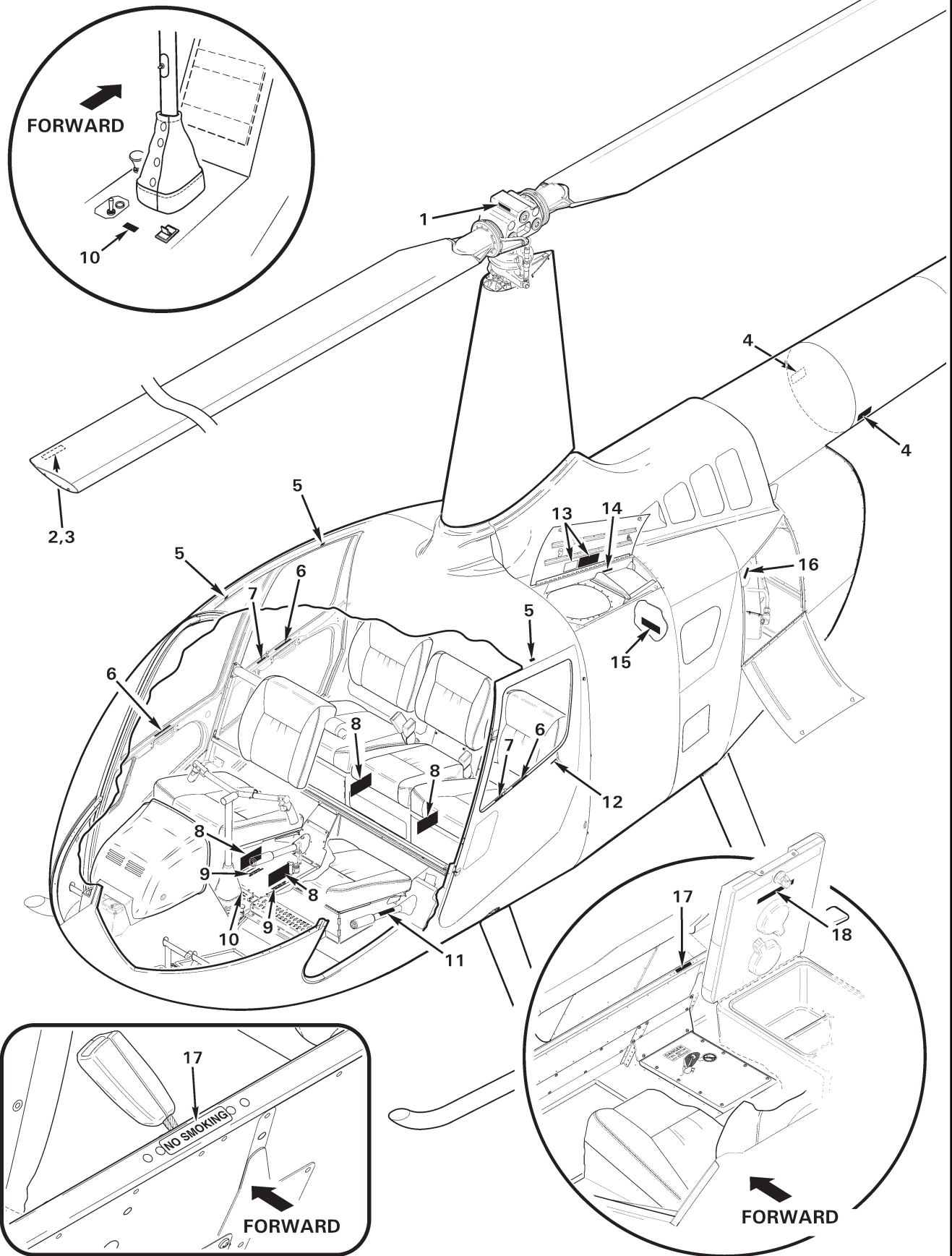


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (BRAZILIAN)		
11-7-1	A654-18	Decal – "LEVEL HERE" (Ref)		
	B841-19	Brazilian Decal (A654-18 equivalent)	X	1
2	A654-25	Decal – "NEVER PULL DOWN / PUSH UP OPPOSITE BLADE" (Ref)		
	B841-23	Brazilian Decal (A654-25 equivalent; seal edges using item 3)	X	2
3	B270-25	Clear Coat (1/2 oz. bottle)	X	A/R
4	A654-94	Decal – "DANGER HOT EXHAUST" (Ref)		
	B841-30	Brazilian Decal (A654-94 equivalent)	X	2
5	F654-22	Decal – "EXIT" (Ref)		
6	F654-21	Decal – "TO CLOSE: SLIDE HANDLE AFT AND DOWN..." (Ref)		
	B841-62	Brazilian Decal (F654-21 equivalent)	X	4
	B841-63	Brazilian Decal (F654-22 equivalent)	X	4
7	F654-20	Decal – "PUSH TO LOCK / DO NOT LOCK IN FLIGHT" (Ref)		
	B841-61	Brazilian Decal (F654-20 equivalent)	X	2
8	F654-10	Decal – "CAUTION" (Ref)		
	B841-56	Brazilian Decal (F654-10 equivalent)	X	4
9	F445-1	Marking – "NO STOWAGE KEEP AREA CLEAR" (Ref)		
	F445-3	Marking – "NO STOWAGE KEEP AREA CLEAR" (float ships; Ref)		
	B841-33	Brazilian Decal (covers marking; F445 equivalent)	X	2
10	F444-1	Marking – "NO SMOKING" (Ref)		
	B841-18	Brazilian Decal (covers marking; F444 equivalent)	X	4
11	A654-21	Decal – "NO STOWAGE / KEEP AREA CLEAR" (Ref)		
	B841-21	Brazilian Decal (A654-21 equivalent)	X	2
12	A654-12	Decal – "OPEN" (black lettering; Ref)		
	B841-17	Brazilian Decal (A654-12 equivalent)	X	A/R
	A654-10	Decal – "OPEN" (white lettering; Ref)		
	B841-15	Brazilian Decal (A654-10 equivalent)	X	A/R
13	F654-5	Decal – "FUEL GRADE" (Ref)		
	B841-51	Brazilian Decal (F654-5 equivalent)	X	1
14	G682-32	Decal – "GROUND HERE BEFORE..." (Ref)		
	B841-67	Brazilian Decal (G682-32 equivalent)	X	1
15	F654-12	Decal – "HYDRAULIC FLUID AND GEARBOX OIL" (Ref)		
	B841-57	Brazilian Decal (F654-12 equivalent)	X	1
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1.				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (BRAZILIAN Cont'd)		
11-7-16	A654-38	Decal – "PUSH TO OPEN" (Ref)		
	B841-25	Brazilian Decal (A654-38 equivalent)	X	1
17	A654-17	Decal – "NO SMOKING" (Ref)		
	B841-18	Brazilian Decal (A654-17 equivalent)	X	1
18	F654-27	Decal – "MAXIMUM COMPARTMENT CAPACITY: 10 LB (4.5 KG)" (Ref)		
	B841-65	Brazilian Decal (F654-27 equivalent)	X	A/R
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1.				

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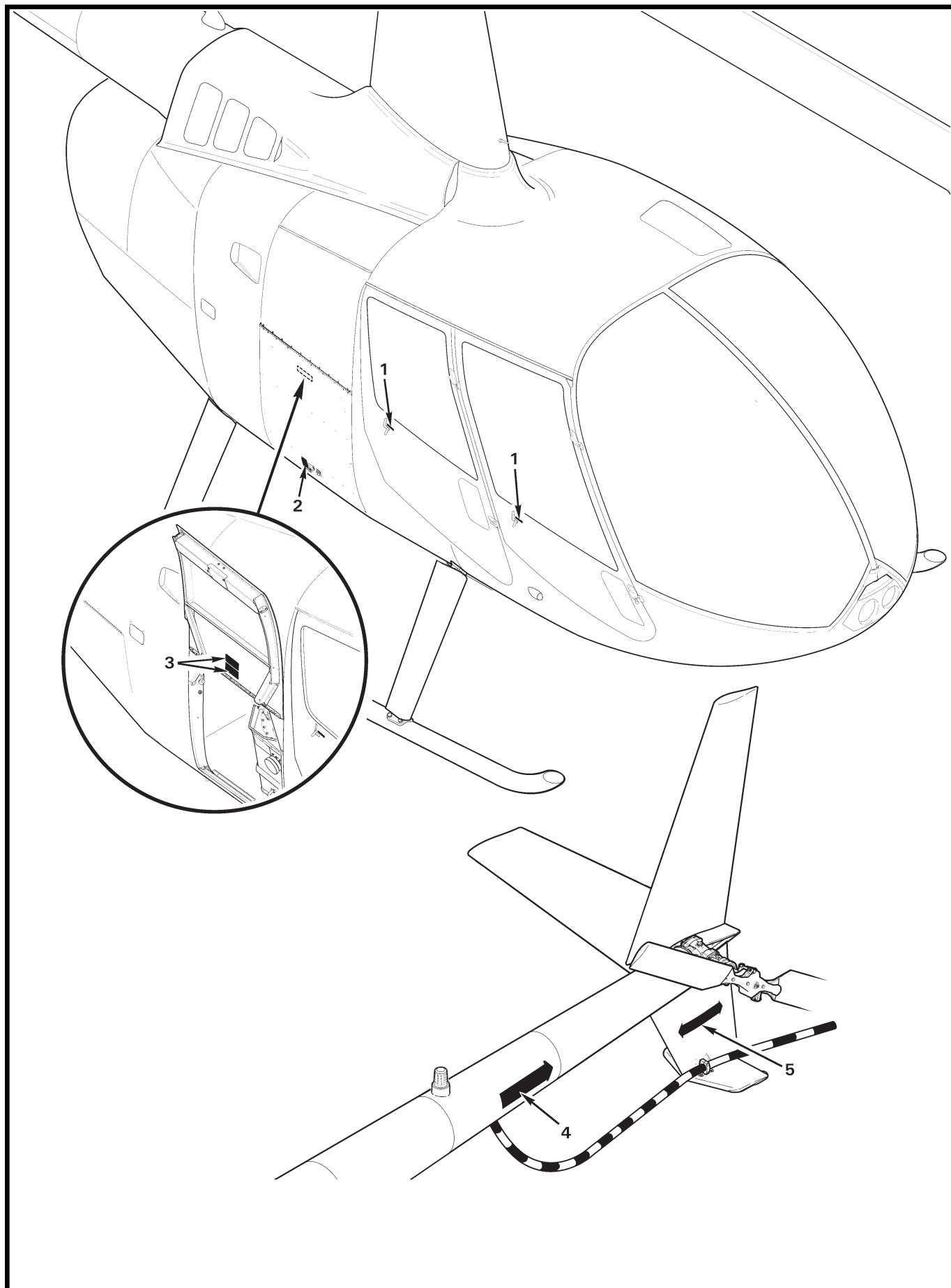


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (BRAZILIAN)		
11-11-1	A654-11	Decal – “OPEN” (black lettering; Ref)		
	B841-16	Brazilian Decal (A654-11 equivalent)	X	A/R
	A654-9	Decal – “OPEN” (white lettering; Ref)		
	B841-14	Brazilian Decal (A654-9 equivalent)	X	A/R
2	F654-8	Decal – “LATCH” (black lettering; Ref)		
	B841-54	Brazilian Decal (F654-8 equivalent)	X	A/R
	F654-9	Decal – “LATCH” (white lettering; Ref)		
	B841-55	Brazilian Decal (F654-9 equivalent)	X	A/R
3	F654-7**	Decal – “CAUTION...” (load maximums; Ref)		
	B841-53	Brazilian Decal (F654-7 equivalent)	X	1
	G682-40	Decal – “CAUTION...” (load maximums; aux fuel tank installed, Ref)		
	B841-72	Brazilian Decal (G682-40 equivalent)	X	A/R
	G682-30	Decal – “CAUTION...” (load maximums; aux fuel tank installed, Ref)		
	B841-66	Brazilian Decal (G682-30 equivalent, earlier R66s)	X	A/R
	F654-26	Decal – “CAUTION...” (police version; Ref)		
	B841-64	Brazilian Decal (F654-26 equivalent)	X	A/R
4	A654-3	Decal – “DANGER” (Ref)		
	B841-12	Brazilian Decal (trim arrow head fwd end; A654-3 equivalent)	X	2
5	C654-2	Decal – “DANGER” (Ref)		
	B841-39	Brazilian Decal (C654-2 equivalent)	X	2
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1. ** See also Figure 11-5.				

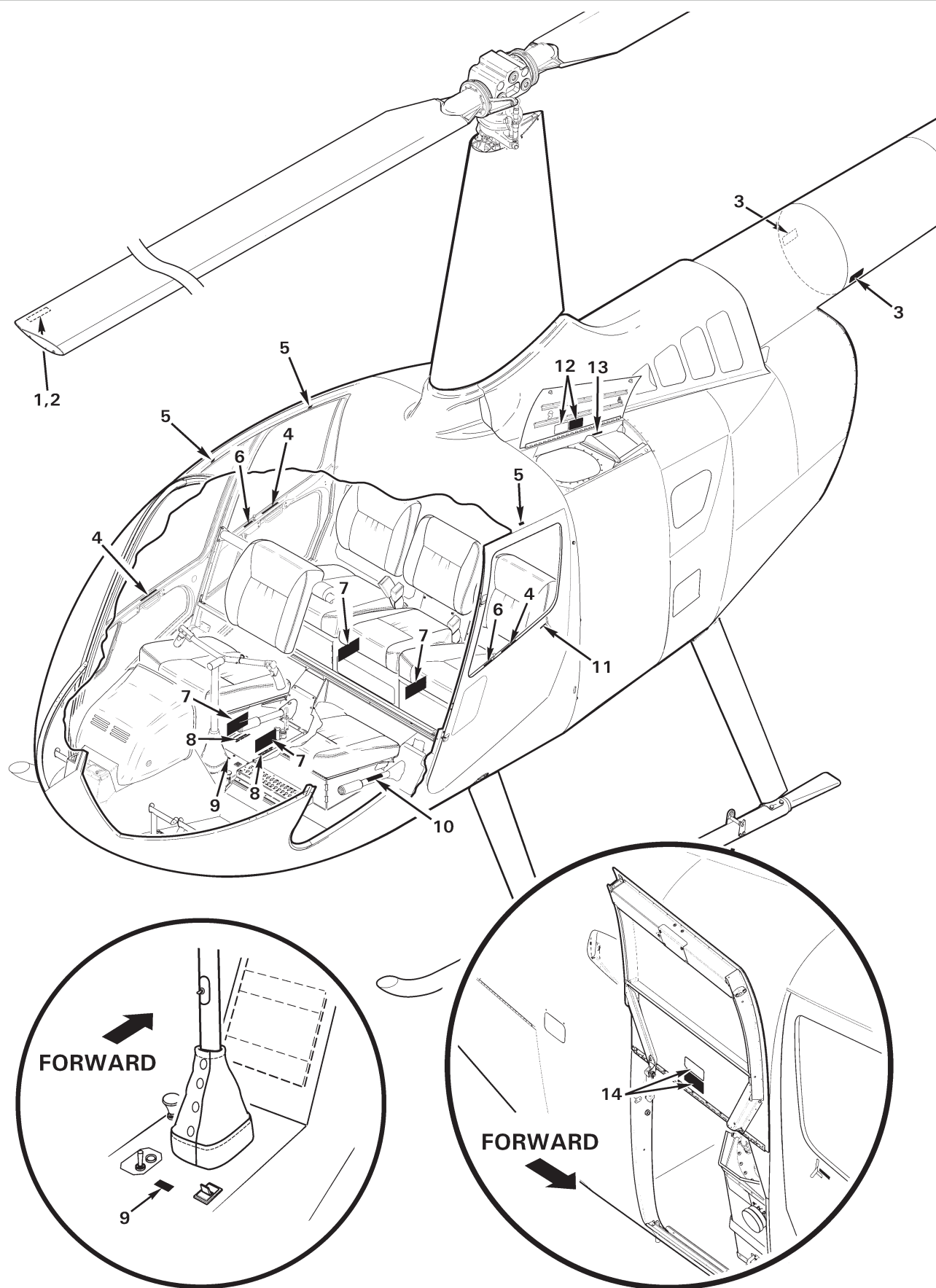


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (CHINESE)		
11-13-1	A654-25	Decal – “NEVER PULL DOWN / PUSH UP OPPOSITE BLADE” (Ref)		
	B842-18	Chinese Decal (place below or adjacent to A654-25 equivalent; seal edges using item 2)	X	2
2	B270-25	Cleat Coat (1/2 oz. bottle)	X	A/R
3	A654-94	Decal – “DANGER HOT EXHAUST” (Ref)		
	B842-20	Chinese Decal (A654-94 equivalent)	X	2
4	F654-21	Decal – “TO CLOSE: SLIDE HANDLE AFT AND DOWN...” (Ref)		
	B842-32	Chinese Decal (F654-21 equivalent)	X	4
5	F654-22	Decal – “EXIT” (Ref)		
	B842-33	Chinese Decal (F654-22 equivalent)	X	4
6	F654-20	Decal – “PUSH TO LOCK / DO NOT LOCK IN FLIGHT” (Ref)		
	B842-31	Chinese Decal (F654-20 equivalent)	X	2
7	F654-10	Decal – “CAUTION” (Ref)		
	B842-30	Chinese Decal (F654-10 equivalent)	X	4
8	F445-1	Marking – “NO STOWAGE KEEP AREA CLEAR” (Ref)		
	F445-3	Marking – “NO STOWAGE KEEP AREA CLEAR” (float ships; Ref)		
	B842-23	Chinese Decal (covers marking; F445 equivalent)	X	2
9	F444-1	Marking – “NO SMOKING” (Ref)		
	B842-16	Chinese Decal (covers marking; F444 equivalent)	X	2
10	A654-21	Decal – “NO STOWAGE / KEEP AREA CLEAR” (Ref)		
	B842-17	Chinese Decal (A654-21 equivalent)	X	2
11	A654-12	Decal – “OPEN” (black lettering; Ref)		
	B842-15	Chinese Decal (A654-12 equivalent)	X	A/R
	A654-10	Decal – “OPEN” (white lettering; Ref)		
	B842-13	Chinese Decal (A654-10 equivalent)	X	2
12	F654-5**	Decal – “FUEL GRADE” (Ref)		
	B842-25	Chinese Decal (F654-5 equivalent)	X	1
13	G682-32	Decal – “GROUND HERE BEFORE...” (Ref)		
	B842-26	Chinese Decal (G682-32 equivalent)	X	1
14	F654-7**	Decal – “CAUTION...” (load maximums; Ref)		
	B842-27	Chinese Decal (below or adjacent to F654-7 equivalent)	X	1
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1. ** See also Figure 11-5.				

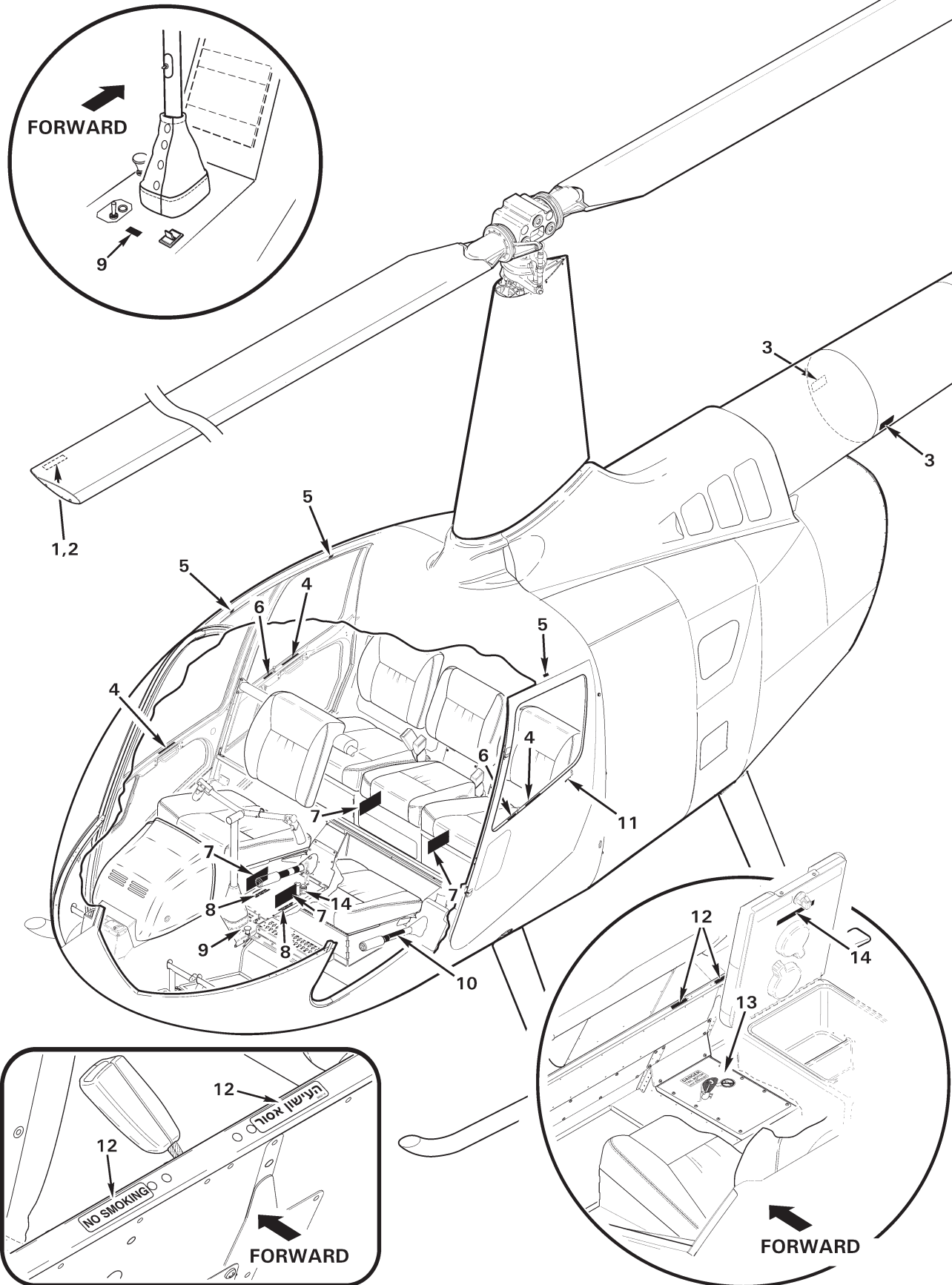


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (HEBREW)		
11-15-1	A654-25	Decal – “NEVER PULL DOWN / PUSH UP OPPOSITE BLADE” (Ref)		
	B850-18	Hebrew Decal (below or adjacent to A654-25 equivalent; seal edges using item 2)	X	2
2	B270-25	Clear Coat (1/2 oz. bottle)	X	A/R
3	A654-94	Decal – “DANGER HOT EXHAUST” (Ref)		
	B850-20	Hebrew Decal (A654-94 equivalent)	X	2
4	F654-21	Decal – “TO CLOSE: SLIDE HANDLE AFT AND DOWN...” (Ref)		
	B850-32	Hebrew Decal (F654-21 equivalent)	X	4
5	F654-22	Decal – “EXIT” (Ref)		
	B850-33	Hebrew Decal (adjacent to F654-22 equivalent)	X	4
6	F654-20	Decal – “PUSH TO LOCK / DO NOT LOCK IN FLIGHT” (Ref)		
	B850-31	Hebrew Decal (F654-20 equivalent)	X	2
7	F654-10	Decal – “CAUTION” (Ref)		
	B850-29	Hebrew Decal (below or adjacent to F654-10 equivalent) . . .	X	4
8	F445-1	Marking – “NO STOWAGE KEEP AREA CLEAR” (Ref)		
	F445-3	Marking – “NO STOWAGE KEEP AREA CLEAR” (float ships; Ref)		
	B850-24	Hebrew Decal (adjacent to F445 equivalent)	X	3
9	F444-1	Marking – “NO SMOKING” (Ref)		
	B850-16	Hebrew Decal (below marking; F444-1 equivalent)	X	2
10	A654-21	Decal – “NO STOWAGE / KEEP AREA CLEAR” (Ref)		
	B850-17	Hebrew Decal (A654-21 equivalent)	X	A/R
11	A654-12	Decal – “OPEN” (black lettering; Ref)		
	B850-15	Hebrew Decal (A654-12 equivalent)	X	A/R
	A654-10	Decal – “OPEN” (white lettering; Ref)		
	B850-13	Hebrew Decal (A654-10 equivalent)	X	A/R
12	A654-17	Decal – “NO SMOKING” (relocate 0.5 inch left of rivets; Ref)		
	B850-16	Hebrew Decal – “NO SMOKING” (place 0.5 inch right of rivets; A654-17 equivalent)	X	2
13	F463-1	Marking – “DANGER TAIL ROTOR AND HOT EXHAUST” (Ref)		
	B850-19	Hebrew Decal (cover marking; F463-1 equivalent)	X	1
14	F654-27	Decal – “MAXIMUM COMPARTMENT CAPACITY; 10 LB (4.5 KG) (Ref)		
	B850-35	Hebrew Decals (below or adjacent to F654-27 equivalent) . . .	X	A/R

NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1.

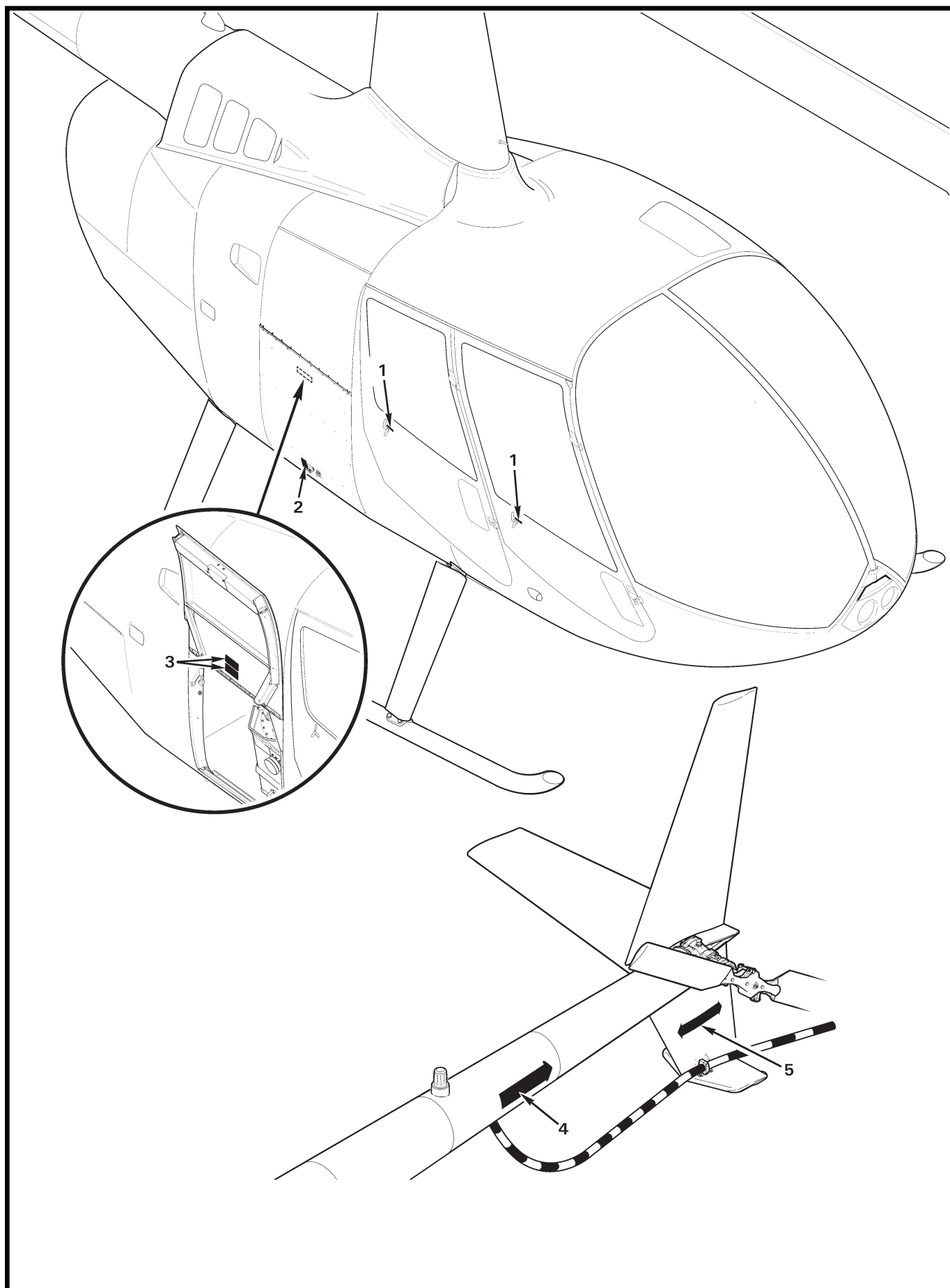


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
11-17-1	PLACARDS AND MARKINGS* (HEBREW)			
	A654-11	Decal – “OPEN” (black lettering; Ref)		
	B850-14	Hebrew Decal (A654-11 equivalent)	X	A/R
	A654-9	Decal – “OPEN” (white lettering; Ref)		
	B850-12	Hebrew Decal (A654-9 equivalent)	X	A/R
	2 F654-8	Decal – “LATCH” (black lettering; Ref)		
	B850-27	Hebrew Decal (F654-8 equivalent)	X	A/R
	F654-9	Decal – “LATCH” (white lettering; Ref)		
	B850-28	Hebrew Decal (F654-9 equivalent)	X	A/R
	3 F654-7	Decal – “CAUTION...” (see also, Figures 28-19 and 28-27; Ref)		
	B850-26	Hebrew Decal (below F654-7 equivalent)	X	1
	G682-30	Decal – “CAUTION...” (load maximums; aux fuel tank installed, Ref)		
	B850-36	Hebrew Decal (below G682-30 equivalent)	X	A/R
	F654-26	Decal – “CAUTION...” (police version; Ref)		
	B850-34	Hebrew Decal (below or adjacent to F654-26 equivalent)	X	A/R
	4 A654-3	Decal – “DANGER” (Ref)		
	B850-11	Hebrew Decal (trim arrow head fwd end; A654-3 equivalent)	X	2
	5 C654-2	Decal – “DANGER” (Ref)		
	B850-21	Hebrew Decal (C654-2 equivalent)	X	2
NOTES * Decal and Marking text in quotes. See also Figures 11-5, 28-19, and 28-27.				

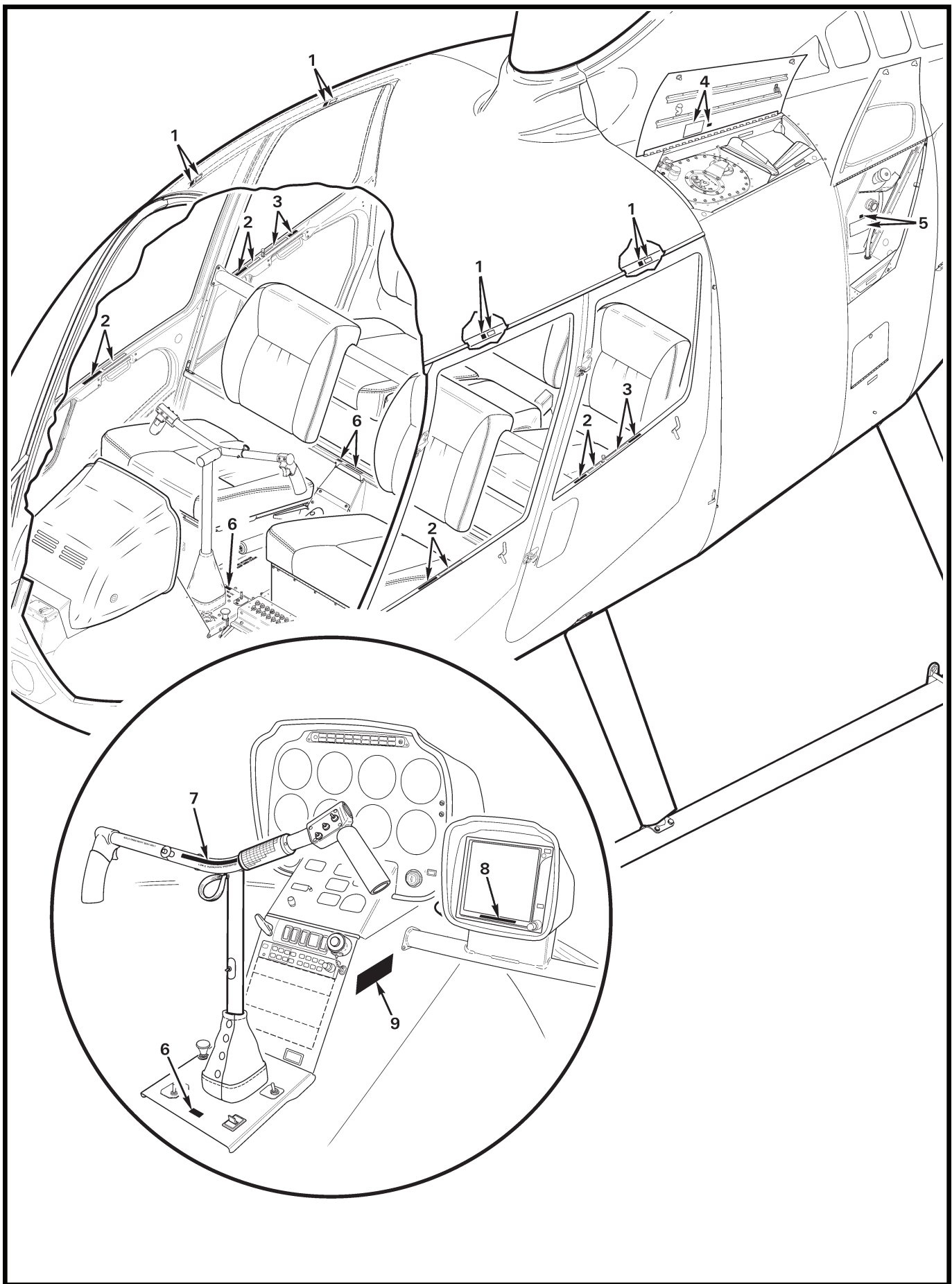


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (JAPANESE)		
11-19-1	F654-22	Decal – “EXIT” (Ref)		
	B840-27	Japanese Decal (F654-22 equivalent)	X	4
2	F654-21	Decal – “TO CLOSE SLIDE HANDLE...” (Ref)		
	B840-25	Japanese Decal (F654-21 equivalent)	X	4
3	F654-20	Decal – “PUSH TO LOCK/DO NOT LOCK IN FLIGHT” (Ref)		
	B840-26	Japanese Decal (F654-20 equivalent)	X	2
4	F654-5	Decal – “FUEL GRADE” (Ref)		
	B840-24	Japanese Decal (F654-5 equivalent)	X	1
5	F654-3	Decal – “ENGINE OIL” (Ref)		
	B840-21	Japanese Decal (F654-3 equivalent)	X	1
6	A654-17	Decal – “NO SMOKING” (Ref)		
	B840-16	Japanese Decal (A654-17 equivalent)	X	2
7	B840-20	Japanese Decal (Low-G Pushovers Prohibited)	X	1
8	B840-23	Japanese Decal (This GPS is Approved for VFR Only)	X	1
9	B840-17	Japanese Decal (Limitations)	X	1
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1.				

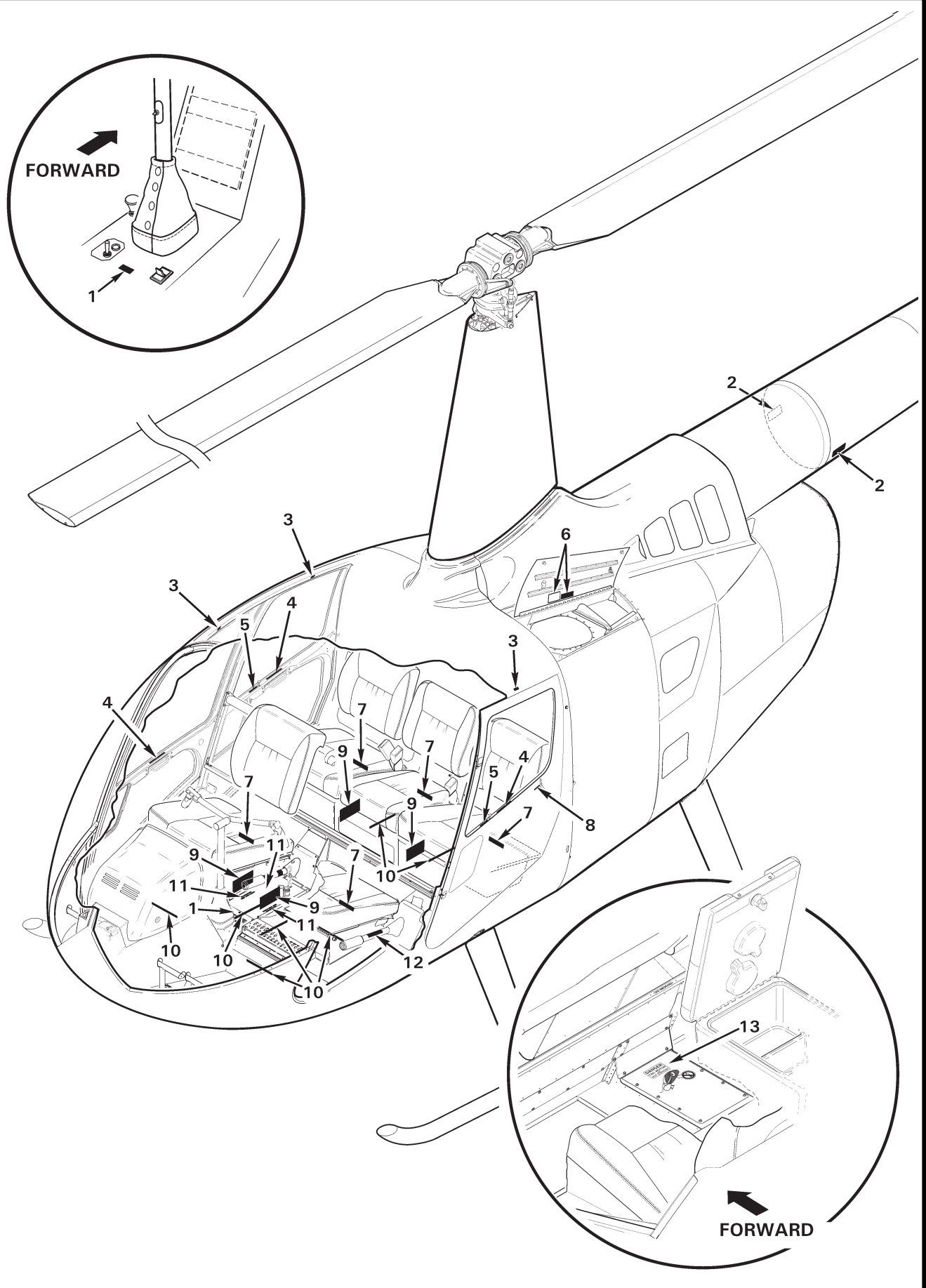


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PLACARDS AND MARKINGS* (RUSSIAN)		
11-21-1	F444-1	Marking – “NO SMOKING” (Ref)		
	B830-55	Russian Decal (covers marking; F444 equivalent)	X	2
2	A654-94	Decal – “DANGER HOT EXHAUST” (Ref)		
	B830-97	Russian Decal (A654-94 equivalent)	X	2
3	F654-22	Decal – “EXIT” (Ref)		
	B830-96	Russian Decal (F654-22 equivalent)	X	4
4	F654-21	Decal – “TO CLOSE: SLIDE HANDLE AFT AND DOWN...” (Ref)		
	B830-86	Russian Decal (F654-21 equivalent)	X	4
5	F654-20	Decal – “PUSH TO LOCK / DO NOT LOCK IN FLIGHT” (Ref)		
	B830-87	Russian Decal (F654-20 equivalent)	X	2
6	F654-5	Decal – “FUEL GRADE” (Ref)		
	B830-91	Russian Decal (below or adjacent to F654-5 equivalent)	X	1
7	F654-19	Decal – “ENERGY-ABSORBING SEAT / DO NOT MODIFY” (Ref)		
	B830-88	Russian Decal (F654-19 equivalent)	X	5
8	A654-12	Decal– “OPEN” (black lettering; Ref)		
	B830-25	Russian Decal (white lettering on red background; F654-12 equivalent)	X	2
	A654-10	Decal– “OPEN” (white lettering; Ref)		
	B830-25	Russian Decal (white lettering on red background; F654-10 equivalent)	X	2
9	F654-10	Decal – “CAUTION” (Ref)		
	B830-89	Russian Decal (F654-10 equivalent)	X	4
10	F654-17	Decal – “MAX FILL LINE” (Ref)		
	B830-90	Russian Decal (F654-17 equivalent)	X	4
11	F445-1	Marking – “NO STOWAGE KEEP AREA CLEAR” (Ref)		
	F445-3	Marking – “NO STOWAGE KEEP AREA CLEAR” (float ships; Ref)		
	B830-50	Russian Decal (covers marking; F445 equivalent)	X	A/R
12	A654-21	Decal – “NO STOWAGE KEEP AREA CLEAR” (Ref)		
	B830-50	Russian Decal (A654-21 equivalent)	X	1
	B830-103	Russian Decal (replaces B830-50 on float ships)	X	1
13	F463-1	Marking – “DANGER TAIL ROTOR AND HOT EXHAUST” (Ref)		
	B830-92	Russian Decal (covers marking; F463-1 equivalent)	X	1
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1.				

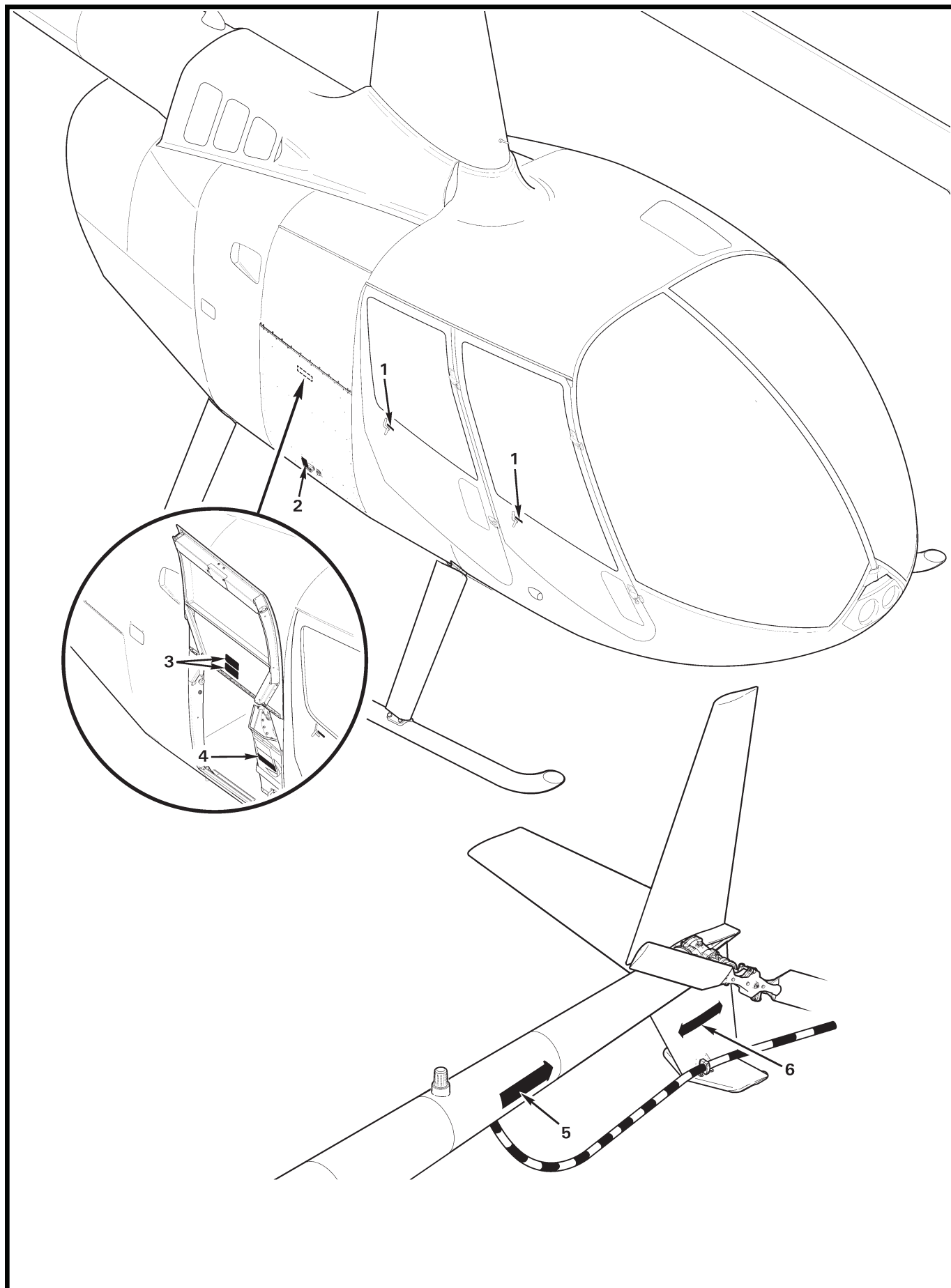


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
11-23-1	PLACARDS AND MARKINGS* (RUSSIAN)			
	A654-11	Decal – “OPEN” (black lettering; Ref)		
	B830-24	Russian Decal (white text on red background; A654-11 equivalent)	X	2
	A654-9	Decal – “OPEN” (white lettering; Ref)		
	B830-24	Russian Decal (white text on red background; A654-9 equivalent)	X	2
	2 F654-8	Decal – “LATCH” (black lettering; Ref)		
	B830-93	Russian Decal (F654-8 equivalent)	X	2
	F654-9	Decal – “LATCH” (white lettering; Ref)		
	B830-94	Russian Decal (F654-9 equivalent)	X	2
	3 F654-7**	Decal – “CAUTION...” (Ref)		
	B830-95	Russian Decal (F654-7 equivalent)	X	1
	4 F654-5**	Decal – “FUEL GRADE” (Ref)		
	B830-91	Russian Decal (F654-5 equivalent)	X	1
	5 A654-3	Decal – “DANGER” (Ref)		
	B830-99	Russian Decal (trim arrow head fwd end; A654-3 equivalent)	X	2
	6 C654-2	Decal – “DANGER” (Ref)		
	B830-23	Russian Decal (C654-2 equivalent)	X	2
NOTES * Decal and Marking text in quotes. Markings are silk screened on component. See also Figure 11-1. ** See also Figure 11-5.				

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CHAPTER 21

ENVIRONMENT CONTROL

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21-15	Air Conditioning – Evaporator Electrical Components	21.14
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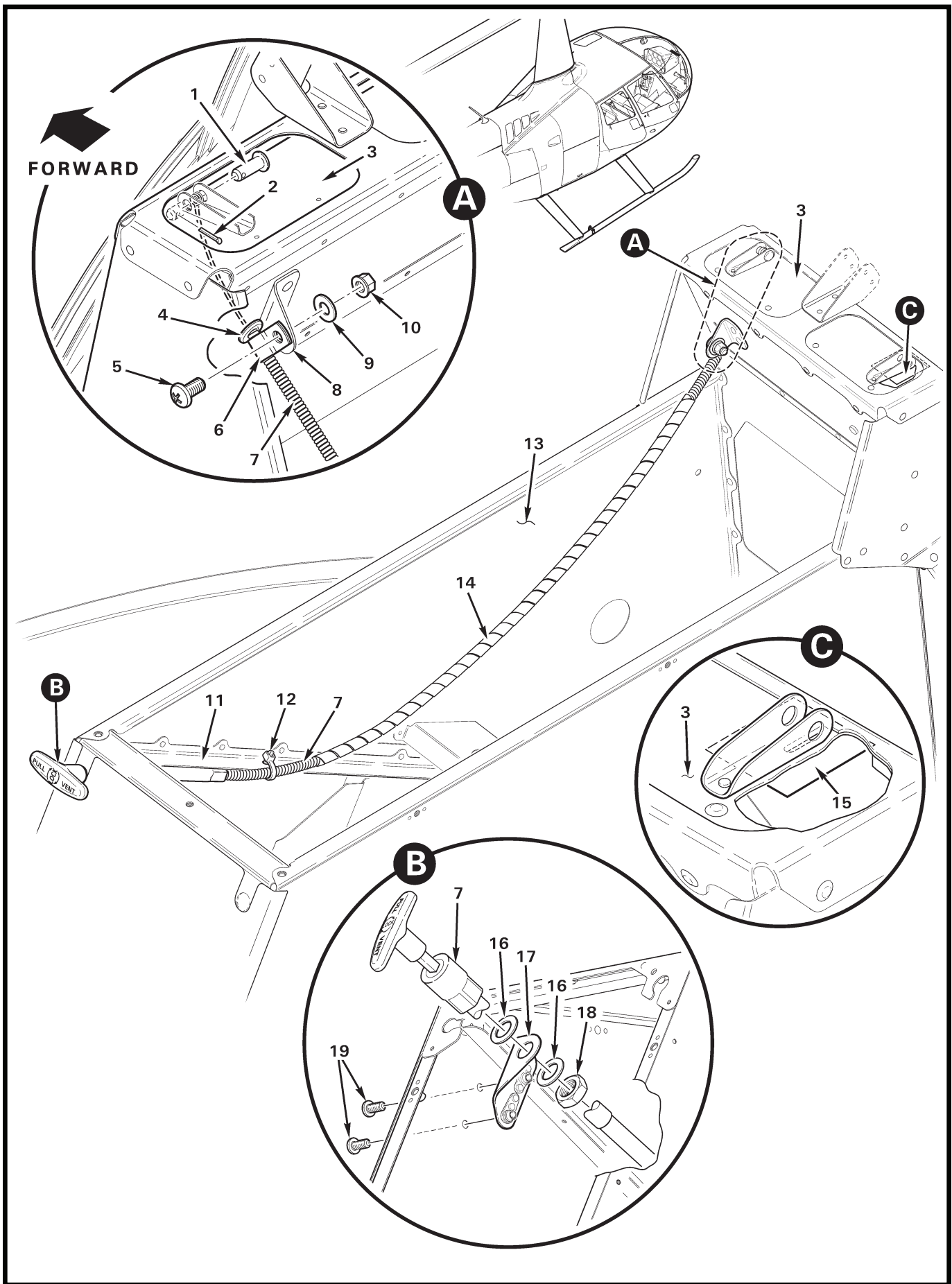


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		CABIN AIR VENT – CONTROL INSTALLATION		
21-1-1	MS20392-2C13	Pin	X	1
2	MS24665-86	Cotter Pin	X	1
3	C358-4	Flap (door; Ref)		
4	MS35489-4	Grommet	X	1
5	MS27039C1-06	Screw	X	1
6	AN742-3	Clamp	X	1
7	C522-5 *	Control Assembly – Cabin Air (Incl items 16 and 18)	X	1
8	A523-6	Angle (Ref)		
9	NAS1149F0332P	Washer	X	1
10	D210-3	Nut	X	1
11	F365-1	Angle (Ref)		
12	MS3367-5-9	Ty-Rap	X	1
13	F359	Panel (Ref)		
14	B161-4	Spirap (optional to protect adjacent wires)	X	A/R
15	A701-1	Tape (install on underside of item 3, RH; to cover unused slot)	X	A/R
16	—	Washer	O	2
17	C365-13	Mount Assembly	X	1
18	—	Nut	O	1
19	MS27039C0806	Screw	X	2
NOTES * Install with knob horizontal within 15 degrees when locked. Clearance under knob to be 0.03 to 0.10 inch with knob fully depressed.				

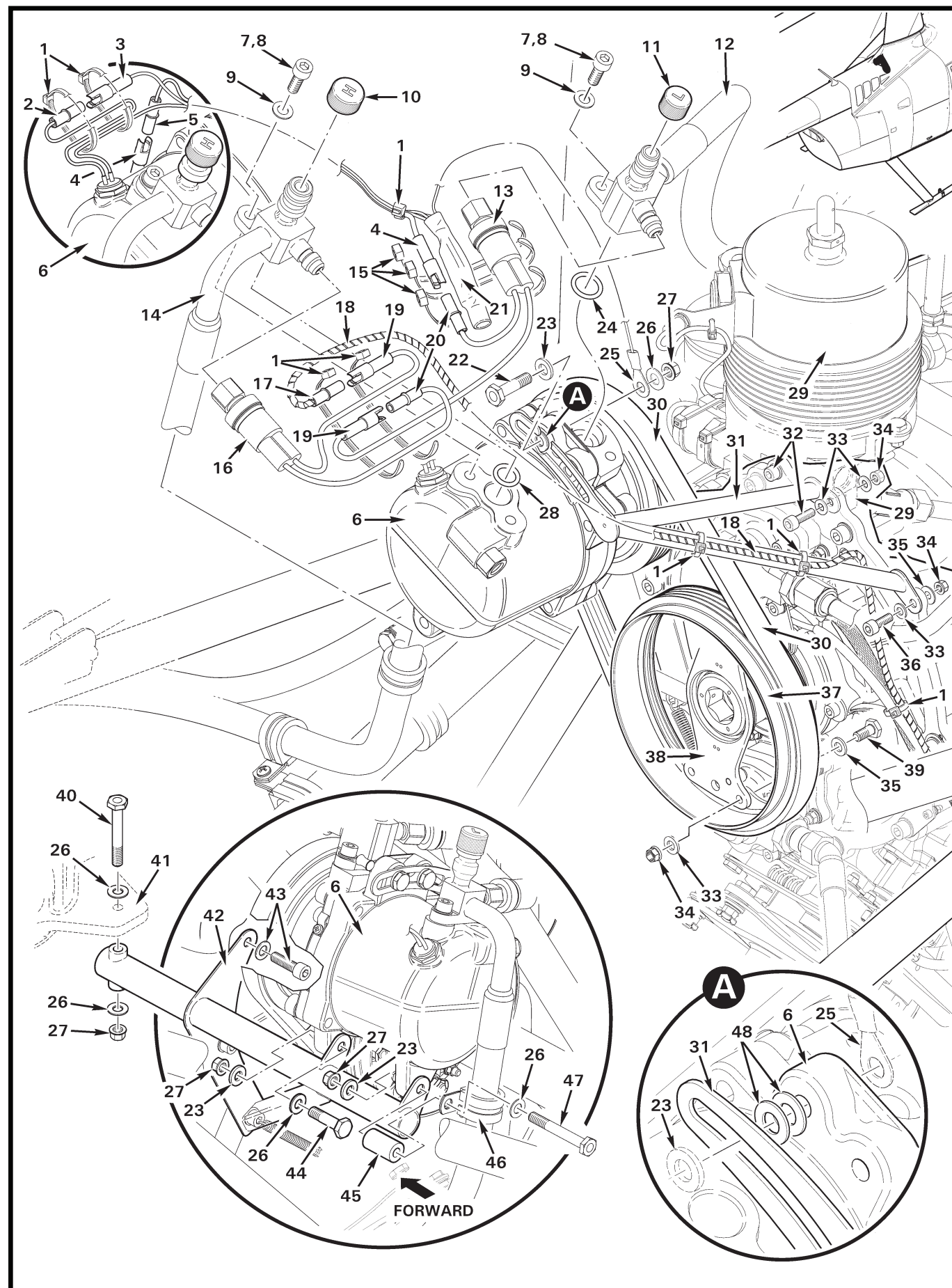


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
AIR CONDITIONING – COMPRESSOR ASSEMBLY INSTALLATION				
21-3-1	MS3367-4-9	Ty-Rap	X	A/R
2	B263-11	Housing	X	1
	B263-4	Socket	X	1
3	B263-10	Housing	X	2
	B263-1	Pin	X	2
4	B263-10	Housing	X	2
	B263-3	Pin	X	2
5	B263-11	Housing	X	1
	B263-2	Socket	X	1
6	G777-1	Compressor Assembly (Incl items 2 and 4)	X	1
7	91292A135	Screw (install using one drop item 8 on threads)	X	2
8	B270-20	Adhesive	X	A/R
9	NAS620-416L	Washer	X	2
10	MT0311	Cap – Valve (light blue plastic, high pressure port)	X	1
11	MT0310	Cap – Valve (light blue plastic, low pressure port)	X	1
12	G794-1	Hose Assembly (Ref)		
13	D799-3	Switch Assembly (low-pressure cutout; includes items 19 and 20)	X	1
14	G794-2	Hose Assembly (Ref)		
15	MS3367-5-9	Ty-Rap	X	3
16	D799-9	Switch Assembly (high-pressure cutout; includes items 19 and 20)	X	1
17	B263-11 *	Housing	X	1
	B263-2 *	Socket	X	1
18	B161-2 *	Spirap	X	A/R
19	B263-10	Housing	X	2
	B263-3	Pin	X	2
20	B263-11	Housing	X	2
	B263-3	Pin	X	2
21	G799-5	Snubber Assembly (Incl items 3, 5, and 25)	X	1
22	NAS6604-11	Bolt	X	2
23	NAS1149F0463P	Washer	X	4
24	F215-2	O-Ring	X	1
25	B260-5	Terminal	X	1
26	NAS1149F0432P	Washer	X	6
NOTES * Included with F049-01 MRGB harness assembly.				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AIR CONDITIONING – COMPRESSOR ASSEMBLY INSTALLATION (Cont'd)		
21-3-27	D210-4	Nut	X	5
28	F215-1	O-Ring	X	1
29	D211-3	Reservoir Assembly (Ref)		
30	B173-5	V-Belt	X	1
31	G781-1	Arm Weldment	X	1
32	NAS1351-3-16P	Screw	X	2
33	NAS620-10L	Washer	X	9
34	D210-3	Nut	X	7
35	NAS1149F0332P	Washer	X	5
36	NAS1351-3-10P	Screw	X	1
37	G779-1	Pulley	X	1
38	F908-1	Yoke Assembly (Ref; see Figure 63-3)		
39	NAS6603-4	Bolt	X	4
40	NAS6604-22	Bolt	X	1
41	F006-1	Main Rotor Gearbox Assembly (Ref; see Figure 63-3)		
42	G782-1	Mount Weldment	X	1
43	–	Existing MRGB Hardware (Ref; see Figure 63-3)		
44	NAS6604-10	Bolt	X	1
45	A130-43	Spacer	X	1
46	MS21333-105	Clamp	X	1
47	NAS6604-24	Bolt	X	1
48	NAS1149F0432P*	Washer ([4] required each fastener. 0 – 4 washers required to fill any gap greater than 0.016 inch between items 6 and 31 [measured at inboard fastener]. Install remaining washers between items 23 and 31.)	X	8
NOTES * Washer positions on outboard bolt to be same as inboard bolt.				

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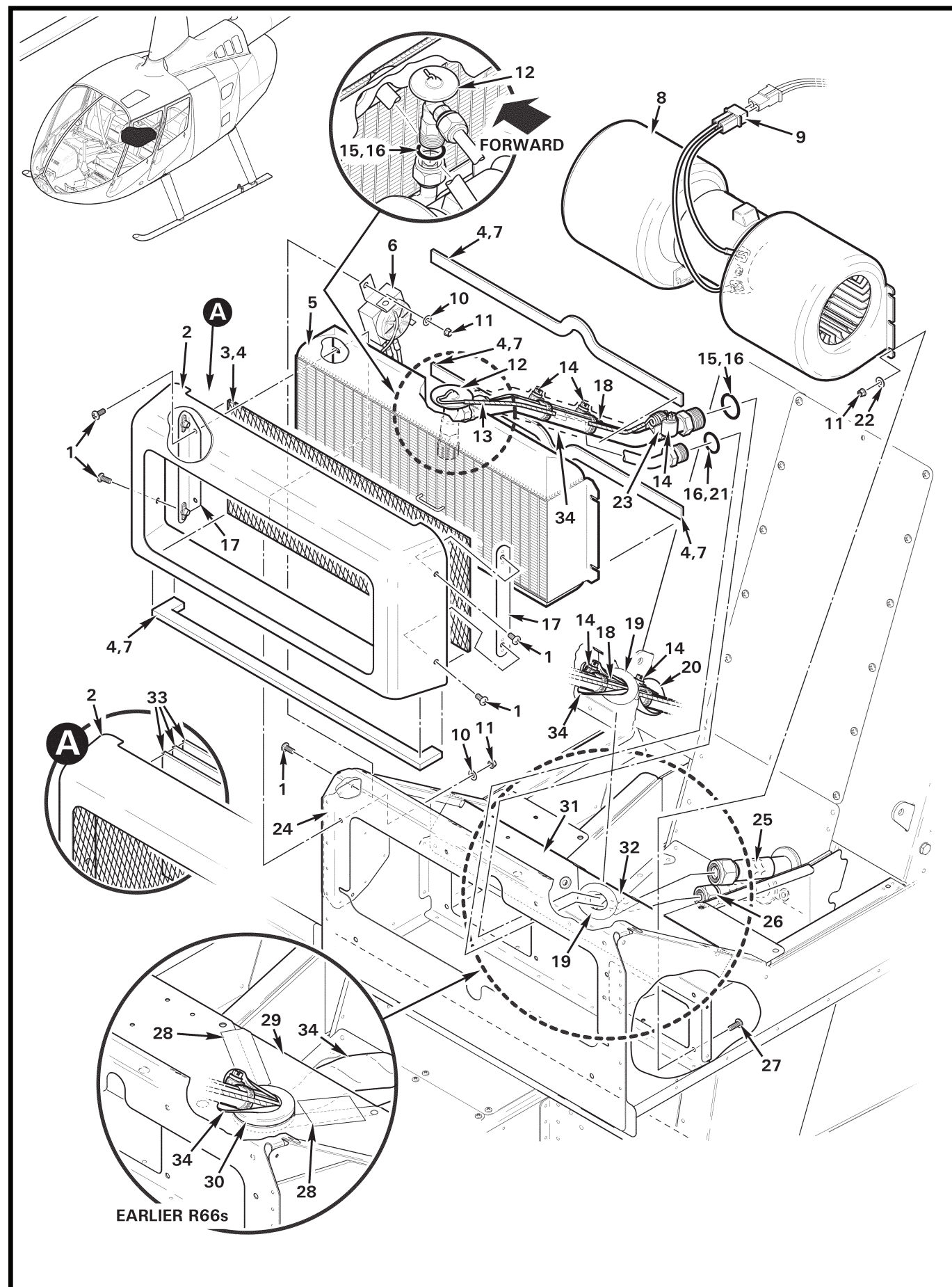


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
AIR CONDITIONING – EVAPORATOR ASSEMBLY INSTALLATION				
21-11-1	MS27039C0806	Screw	X	8
2	G798-1	Cover Assembly (Incl items 3 and 4)	X	1
3	F389-1	Screen (install using item 4)	X	1
4	B270-1	Sealant	X	A/R
5	G784-1	Evaporator Assembly	X	1
6	D799-7	Switch Assembly – Freeze (Ref, see Figure 21-15)		
7	93745K41	Seal (install using item 4)	X	A/R
8	G791-1	Blower Assembly (Incl item 9)	X	1
9	G791-2	Harness Assembly (includes B263-12 housing, [2] B263-3 pins, -2295 & -2298 wires, and [2] B262-5 receptacle)	X	1
10	NAS1149FN816P	Washer	X	4
11	MS21042L08	Nut	X	13
12	G778-1	Thermal Expansion Valve (TXV)	X	1
13	B161-2	Spirap	X	A/R
14	B277-8	Clamp	X	3
15	F215-013	O-Ring (install using item 16)	X	2
16	A257-20	Oil – Pag	X	A/R
17	F385-8	Bracket Assembly	X	2
18	D785-7	Cradle	X	1
19	MS35489-20*	Grommet	X	1
20	5541K11	Pipe Wrap (around inlet & outlet lines, nuts, cradle, & clamp)	X	A/R
21	F215-011	O-Ring (install using item 16)	X	2
22	NAS1149FN832P	Washer	X	8
23	D785-2	Cradle	X	1
24	F377-1	Support Assembly – Middle Seat (Ref)		
25	G794-1	Hose Assembly (Ref, see Figure 21-17)		
26	G794-3	Hose Assembly (Ref, see Figure 21-17)		
27	MS27039C0807	Screw	X	8
28	A701-1	Tape (optional)	X	A/R
29	F380-7	Cover (Ref)		
30	MS35489-23*	Grommet	X	1
31	F393-1	Shield (Ref)		
32	F393-2	Cover (bend tabs on item 31 as required to retain)	X	1
33	D812-9	Screen (as required for evaporator noise suppression; 3 max)	X	A/R
34	A701-17	Tape	X	A/R
NOTES * May be split and bonded at split after installation using B270-17 adhesive.				

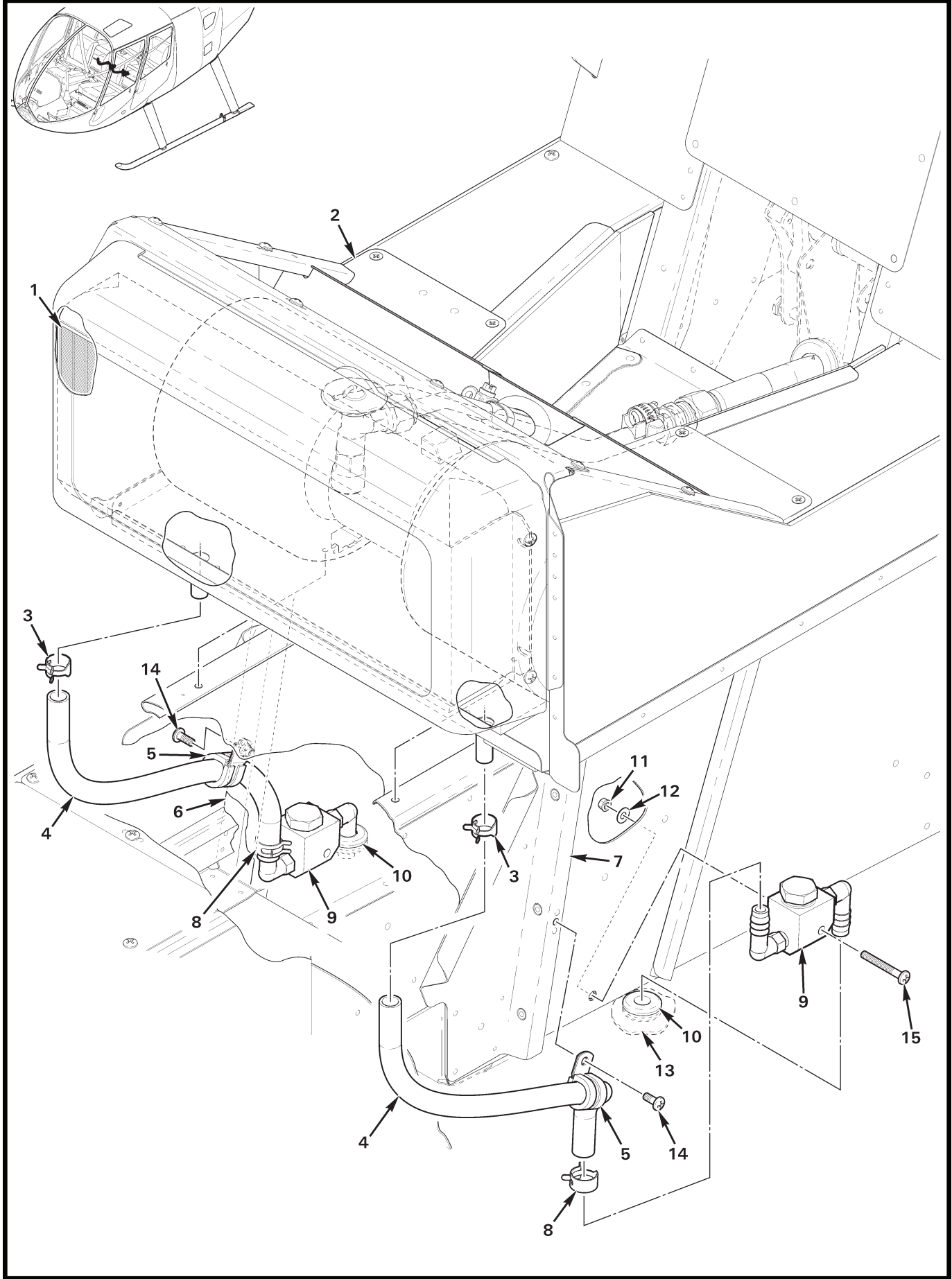


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
AIR CONDITIONING – EVAPORATOR DRAIN INSTALLATION				
21-11B-1	G784-1	Evaporator Assembly (Ref, see Figure 21-11)		
2	F377-1	Seat Assembly – Middle, Aft (Ref)		
3	D277-8	Clamp	X	2
4	A729-59	Tube	X	2
5	MS21919WDG8	Clamp	X	2
6	F382-6	Stiffener (RH; Ref)		
7	F382-5	Stiffener (LH; Ref)		
8	D277-9	Clamp (point prongs toward keel panel $\pm 90^\circ$)	X	2
9	D789-11	Drain Assembly	X	2
10	MS35489-11	Grommet	X	2
11	MS21042L08	Nut	X	2
12	NAS1149FN816P	Washer	X	2
13	F387-1	Belly Panel (Ref)		
14	MS27039C0806	Screw	X	2
15	MS27039C0820	Screw	X	2
NOTES				

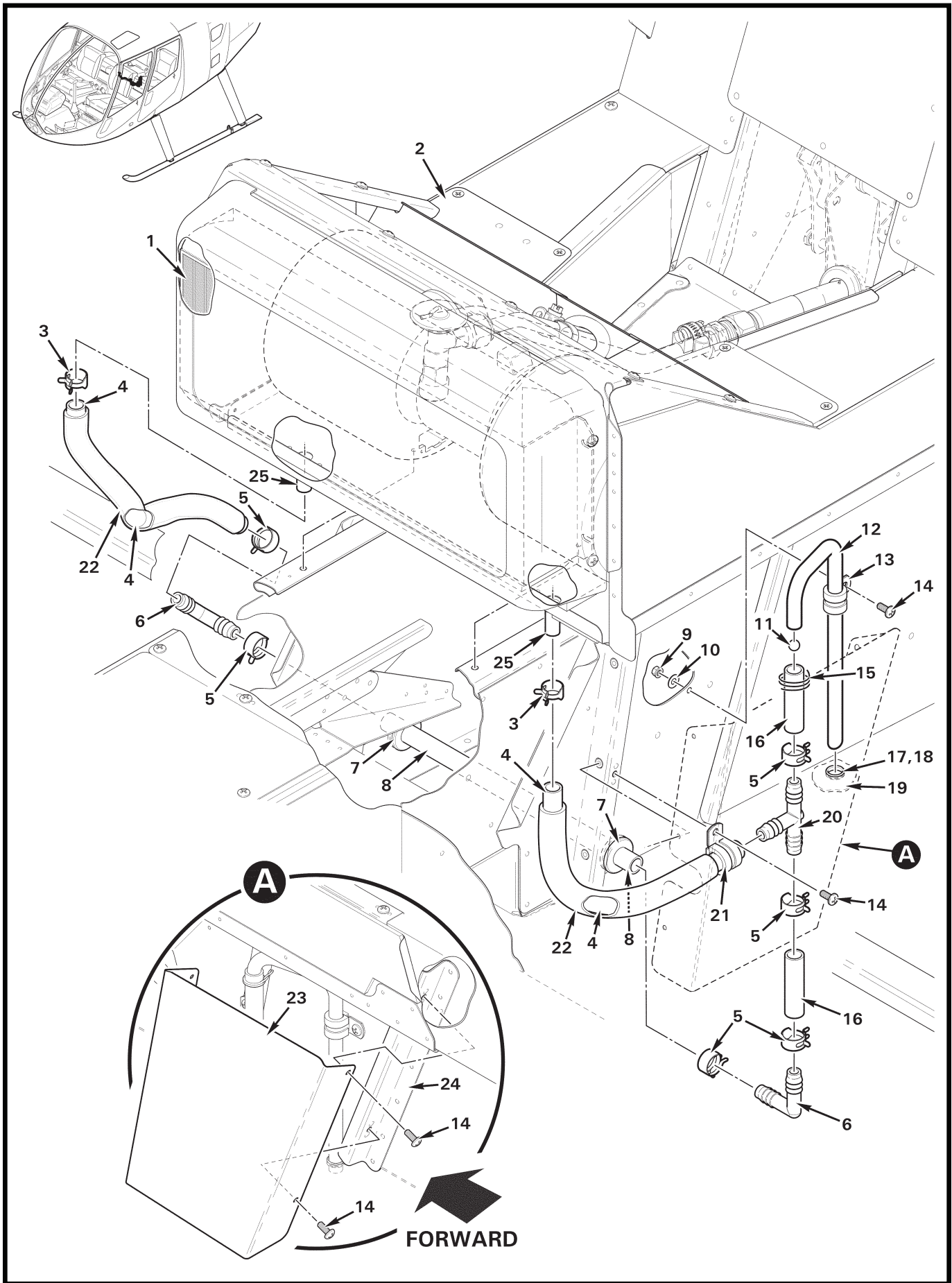


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AIR CONDITIONING – EVAPORATOR DRAIN INSTALLATION		
21-13-1	G784-1	Evaporator Assembly (Ref, see Figure 21-11)		
2	F377-1	Seat Assembly – Middle, Aft (Ref)		
3	D277-8	Clamp	X	2
4	A729-59	Hose	X	2
5	D277-9	Clamp	X	6
6	A457-7	Elbow	X	2
7	MS35489-149	Grommet	X	2
8	A729-58	Hose	X	1
9	MS21042L08	Nut	X	1
10	NAS1149FN816P	Washer	X	1
11	B208-9	Ball	X	1
12	D789-10	Tube	X	1
13	MS21919WDG6	Clamp	X	1
14	MS27039C0806	Screw	X	4
15	MS20995C32	0.032 inch dia. Safety Wire	X	A/R
16	A729-57	Hose	X	2
17	NAS557-6A	Grommet (install using item 18; seal all around grommet and tube, both sides of belly panel)	X	1
18	B270-1	Sealant	X	A/R
19	F387-1	Belly Panel (Ref)		
20	A457-1	Tee	X	1
21	MS21919WDG8	Clamp	X	1
22	5541K11	Pipe Wrap	X	A/R
23	G789-1	Cover	X	1
24	F466-3	Stiffener (Ref)		
25	A456-1	Drain	X	2
NOTES				

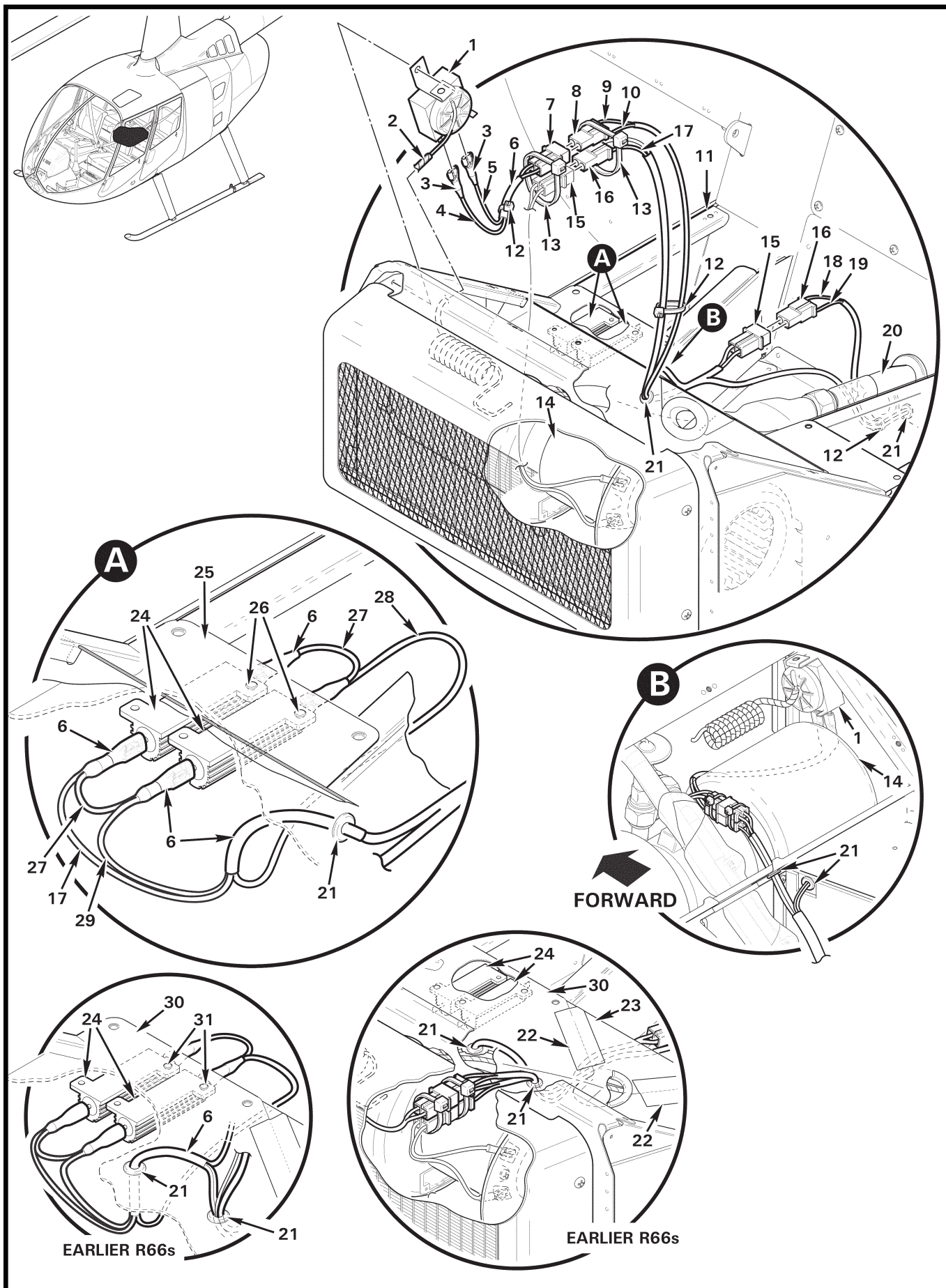


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
AIR CONDITIONING – EVAPORATOR ELECTRICAL COMPONENTS				
21-15-1	D799-7	Switch Assembly – Freeze (Incl items 3 thru 7, see Figure 21-11)	X	1
2	B161-2	Spirap	X	A/R
3	B158-4	Heat Shrink	X	A/R
4	-1804	Wire (Ref)		
5	-1809	Wire (Ref)		
6	B158-3	Heat Shrink	X	A/R
7	B263-32	Housing	X	1
	B263-1	Pin	X	2
8	B263-33	Housing	X	1
	B263-2	Socket	X	2
9	-2299	Wire (Ref)		
10	-2294	Wire (Ref)		
11	F377-1	Support Assembly – Middle Seat (Ref)		
12	MS3367-4-9	Ty-Rap	X	A/R
13	MS3367-5-9	Ty-Rap	X	A/R
14	G791-1	Blower Assembly (Ref, see Figure 21-11)		
15	B263-12	Housing (Ref)		
16	B263-4	Socket	X	1
17	-2295	Wire (Ref)		
18	-2365	Wire (Ref)		
19	-2364	Wire (Ref)		
20	G794-1	Hose Assembly (Ref, see Figure 21-17)		
21	MS35489-4	Grommet	X	3
22	A701-1	Tape (Ref; optional, earlier R66s)		
23	F380-7	Cover (Ref; earlier R66s)		
24	G799-2	Resistor Assembly (Incl items 3, 6, 16, 17, and 27 thru 29)	X	2
25	F378-4	Panel (Ref)		
26	MS20604ML4W2	Rivet	X	4
27	B274-14	Wire	X	2
28	-2365	Wire (Ref)		
29	-2364	Wire (Ref)		
30	F380-6	Panel (Ref; earlier R66s)		
31	B204-1	Rivet (earlier R66s)	X	2
NOTES				

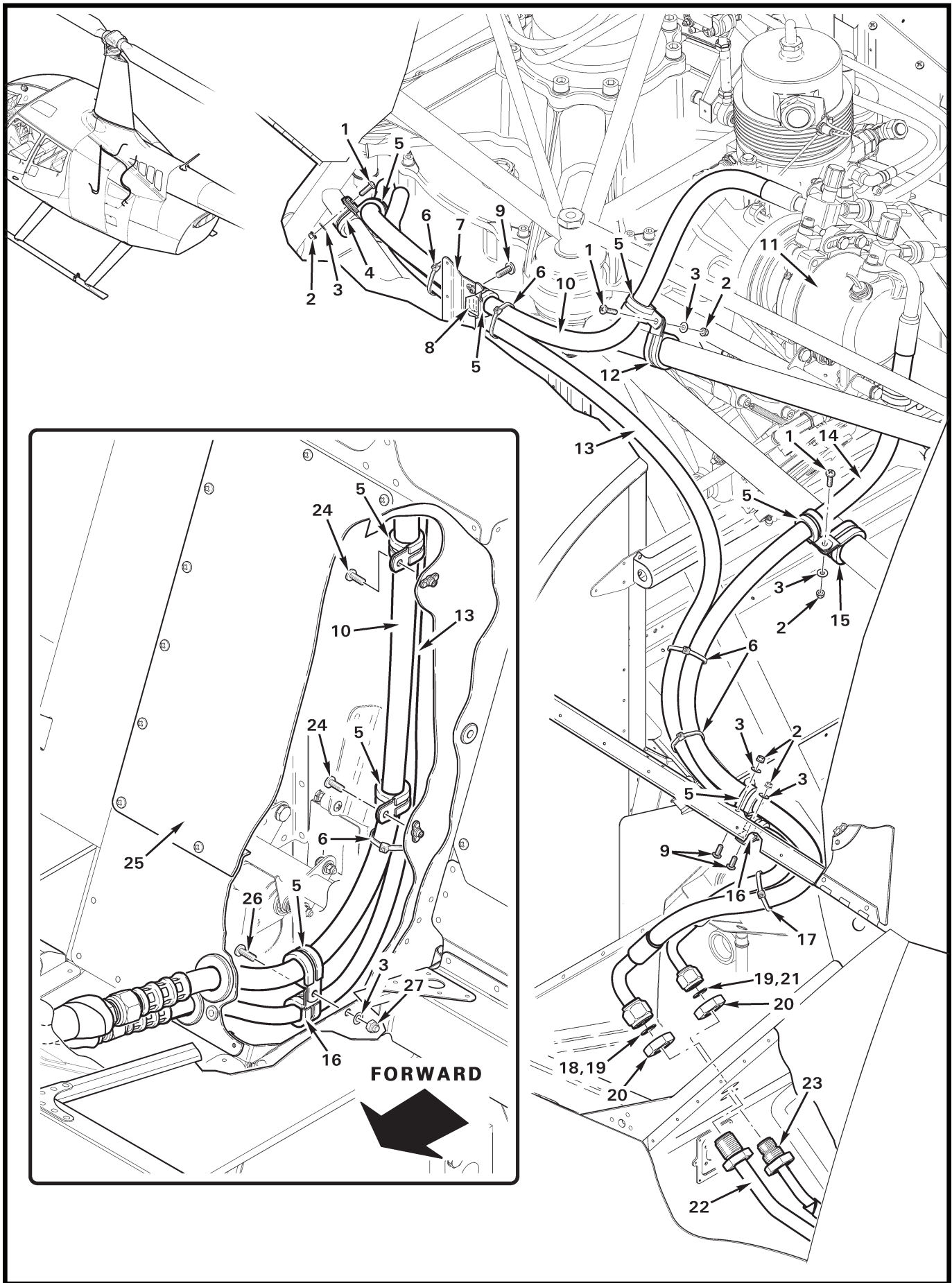


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AIR CONDITIONING – FURNISHINGS		
21-25-1	F273-1	Roof (Ref)		
2	B298-104	Foam (install using item 3)	X	A/R
3	B270-8qt	Adhesive	X	A/R
4	NAS9301B-4-03	Rivet	X	16
5	G796-1	Duct Assembly (Ref)		
6	F087-3	Support (Ref)		
7	B298-102	Foam (install using item 21)	X	A/R
8	F003-18	Insulation (RH, install using item 3)	X	1
9	F003-17	Insulation (LH, install using item 3)	X	1
10	MS21042L08	Nut	X	1
11	NAS1149FN816P	Washer	X	1
12	NAS9301B-4-02	Rivet	X	8
13	D122-8	Bracket	X	1
14	BP4100	Pulley	X	1
15	A130-34	Spacer	X	1
16	MS27039C0812	Screw	X	1
17	B033-6	Knob Assembly (Ref)		
18	G790-1 *	Duct Assembly (Incl items 7, 19, 20, and 21)	X	1
19	A701-1	Foil Tape (covers corner relief)	X	A/R
20	B298-31 *	Headliner (blue)	X	A/R
	B298-33 *	Headliner (grey)	X	A/R
	B298-34 *	Headliner (tan)	X	A/R
21	B270-14	Adhesive	X	A/R
22	5541K11	Pipe Wrap (item 5 not shown for clarity)	X	A/R
23	MS3367-5-9	Ty-Rap	X	4
NOTES * Please specify color (blue, grey, or tan).				

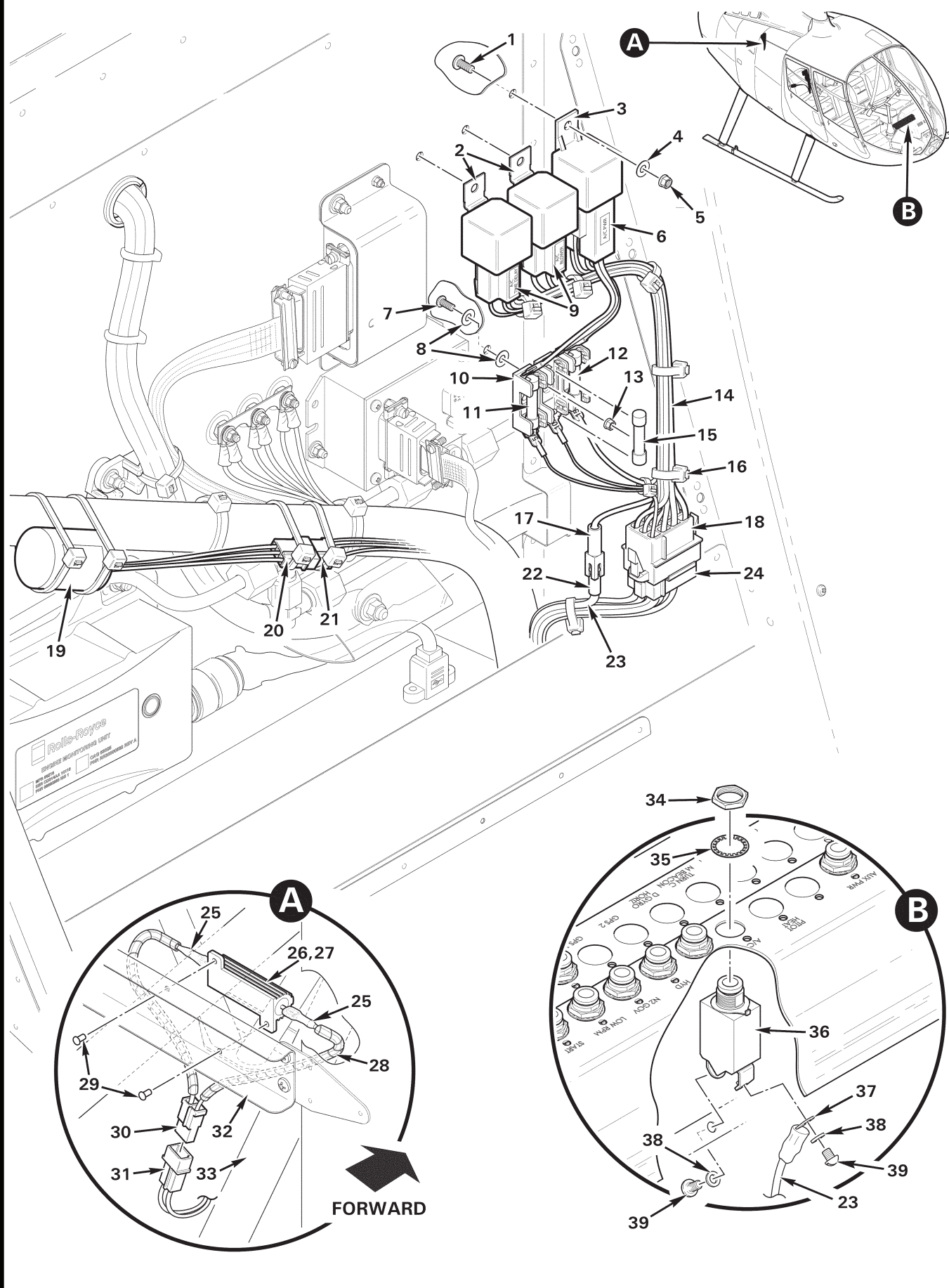


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AIR CONDITIONING – ELECTRICAL COMPONENTS		
21-27-1	MS27039C0806	Screw	X	3
2	D260-4	Relay (40 amp, 24 volt)	X	2
3	D260-2	Relay (70 amp, 24 volt)	X	1
4	NAS1149FN816P	Washer	X	3
5	MS21042L08	Nut	X	3
6	D260-5	Connector	X	1
7	MS35206-227	Screw	X	1
8	NAS1149FN616P	Washer	X	2
9	D260-6	Connector	X	2
10	D262-3	Fuse Block	X	1
11	D275-205	Fuse (5 amp)	X	1
12	D275-215	Fuse (15 amp)	X	1
13	MS21042L06	Nut	X	1
14	G799-4	Relay Assembly (Incl items 2, 3, 6, 9 thru 12, & 15 thru 18)	X	1
15	D275-210	Fuse (10 amp)	X	1
16	MS3367-4-9	Ty-Rap	X	A/R
17	B263-62	Housing	X	1
	B263-55	Pin	X	1
18	B263-22	Housing	X	1
	B263-1	Pin	X	9
	B263-3	Pin	X	2
19	G655-3	Time Delay Assembly (includes item 20 and wires)	X	1
20	B263-14	Housing	X	1
	B263-1	Pin	X	3
21	B263-15	Housing (Ref)		
22	B263-61	Housing (Ref)		
23	-2297	Wire (Ref)		
24	B263-23	Housing (Ref)		
25	B158-2	Heat Shrink (2 layers each joint)	X	A/R
26	G799-1	Resistor Assembly (Incl items 25, 27, 28, and 30)	X	1
27	RH0506R000FE02	Resistor (6 Ω 50w)	X	1
28	B161-2	Spirap (length as required).	X	2
29	MS20604ML4W2	Rivet	X	2
30	B263-12	Housing	X	1
	B263-1	Pin	X	2
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AIR CONDITIONING – ELECTRICAL COMPONENTS (Cont'd)		
21-27-31	B263-13	Housing (Ref)		
32	G258-4	Strap (Ref)		
33	F020-1	Upper Frame (Ref)		
34	—	Nut	O	1
35	—	Lockwasher	O	1
36	B297-25	Circuit Breaker (25 amp; includes 34, 35, 38 and 39)	X	1
37	B260-11	Terminal (Ref)		
38	—	Lockwasher	O	2
39	—	Screw	O	2
NOTES				

CHAPTER 22

AUTOPILOT

<i>Figure</i>	<i>Title</i>	<i>Page</i>
22-1	(Pitch) Servo Assembly Installation and Components	22.0
22-5	(Roll) Servo Assembly Installation	22.4
22-7	Flight Control Computer Installation	22.6

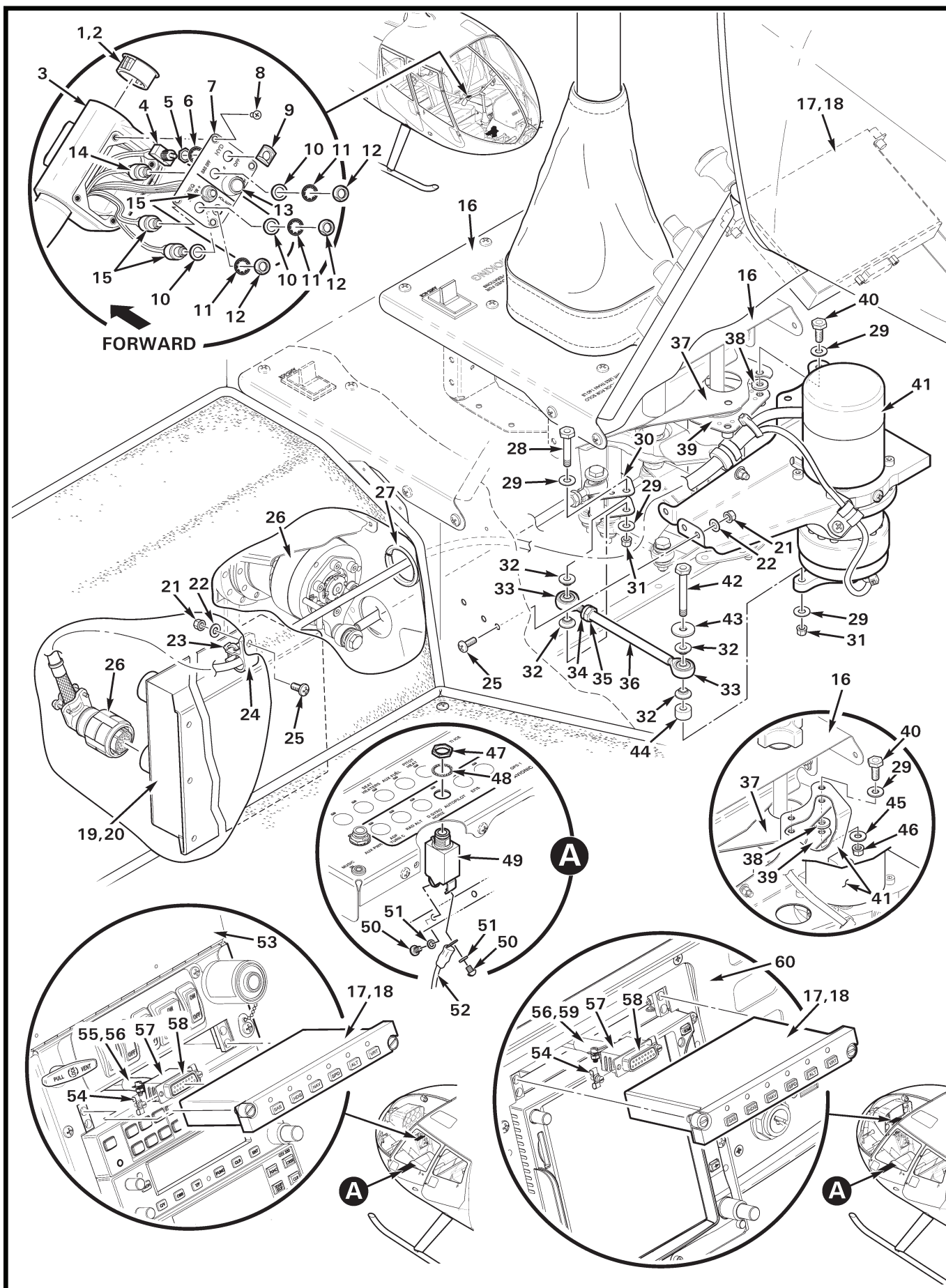


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		(PITCH) SERVO ASSEMBLY INSTALLATION AND COMPONENTS		
22-1-1	2703	Hole Plug (install using item 2)	X	1
2	B270-15	Adhesive	X	A/R
3	C058-16	Grip Assembly (Incl items 1, 2, 4, 7 thru 9, and 13 thru 15) . .	X	1
4	B300-3	Switch Assembly – “HYD OFF” (Incl items 5 and 6)	X	1
5	—	Nut	O	1
6	—	Lockwasher	O	1
7	C214-27	Plate	X	1
8	MS24693-S1	Screw	X	4
9	D443-7	Guard	X	1
10	94773A770	Washer	X	5
11	B227-3	Lockwasher	X	5
12	B227-4	Dress Nut	X	4
13	B227-8	Switch Assembly – “TRIM” (includes items 10 [1], 11 [1] P/N 702501201 dress nut, and P/N 801801000 cap)	X	1
14	B227-7	Switch Assembly – “AP OFF” (Incl items 6, 10 [1], 11 [1], and 12 [1])	X	1
15	B227-2	Switch Assembly – “FREQ” (Incl items 10 [1], 11 [1], and 12 [1])	X	3
16	F444	Cover Assembly – Cyclic (Ref)		
17	01309-03-01 *	Control Panel (For Software Version 52; used only with item 19.)	X	1
18	01309-01-01 *	Control Panel (For Software Version 51; used only with item 20, not shown.)	X	1
19	01311-02-111 *	Flight Control Computer (For Software Version 52; used only with item 17, Ref.)		
20	01311-03-11 *	Flight Control Computer (For Software Version 51. Used only with item 18, not shown; Ref.)		
21	MS21042L08	Nut	X	4
22	NAS1149FN832P	Washer	X	4
23	MS3367-5-9	Ty-Rap	X	A/R
24	M23190/1-2	Clamp	X	1
25	MS27039C0806	Screw	X	4
26	01317-4*	Servo Assembly (Roll, Ref; see Figure 22-5)		
27	NAS557-16A	Grommet	X	1
28	NAS6606-11	Bolt	X	1
29	NAS1149F0332P	Washer	X	4
30	D320-8	Cyclic Stick Assembly (Ref)		
NOTES * Genesys-Aerosystems part no.				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		(PITCH) SERVO ASSEMBLY INSTALLATION AND COMPONENTS (Cont'd)		
22-1-31	D210-3	Nut	X	2
32	A341-1	Spacer	X	4
33	A127-3	Rod End	X	2
34	B330-7	Palnut	X	1
35	AN315-3R	Nut	X	1
36	A336-8	Tube	X	1
37	F338-1	Box Assembly (Ref)		
38	NAS1149F0363P	Washer	X	2
39	D337-1	Tube Assembly (Ref)		
40	NAS6603-3	Bolt	X	2
41	01317-3*	Servo Assembly (Pitch)	X	1
42	NAS6603-18	Bolt	X	1
43	A141-17	Washer	X	1
44	C130-50	Spacer	X	1
45	NAS1149F0332P	Washer (earlier R66s this location)	X	2
46	D210-3	Nut (earlier R66s this location)	X	1
47	—	Nut	O	1
48	—	Lockwasher	O	1
49	B297-5	Circuit Breaker (5 amp; includes items 47, 48, 50, and 51) . .	X	1
50	—	Screw	O	2
51	—	Washer	O	2
52	-2103	Wire (Ref)		
53	G050	Console Assembly (or G070, not shown; Ref)		
54	B269-31	Screw Lock (male)	X	2
55	D323-2	Harness Assembly (Incl items 54, and 56 thru 58)	X	1
56	B158-6	Heat Shrink	X	A/R
57	B269-22	Backshell	X	1
58	B269-8	Receptacle	X	1
59	D323-14	Harness Assembly (Incl items 54, and 56 thru 58)	X	1
60	G060	Console Assembly (Ref)		

NOTES * Genesys-Aerosystems part number.

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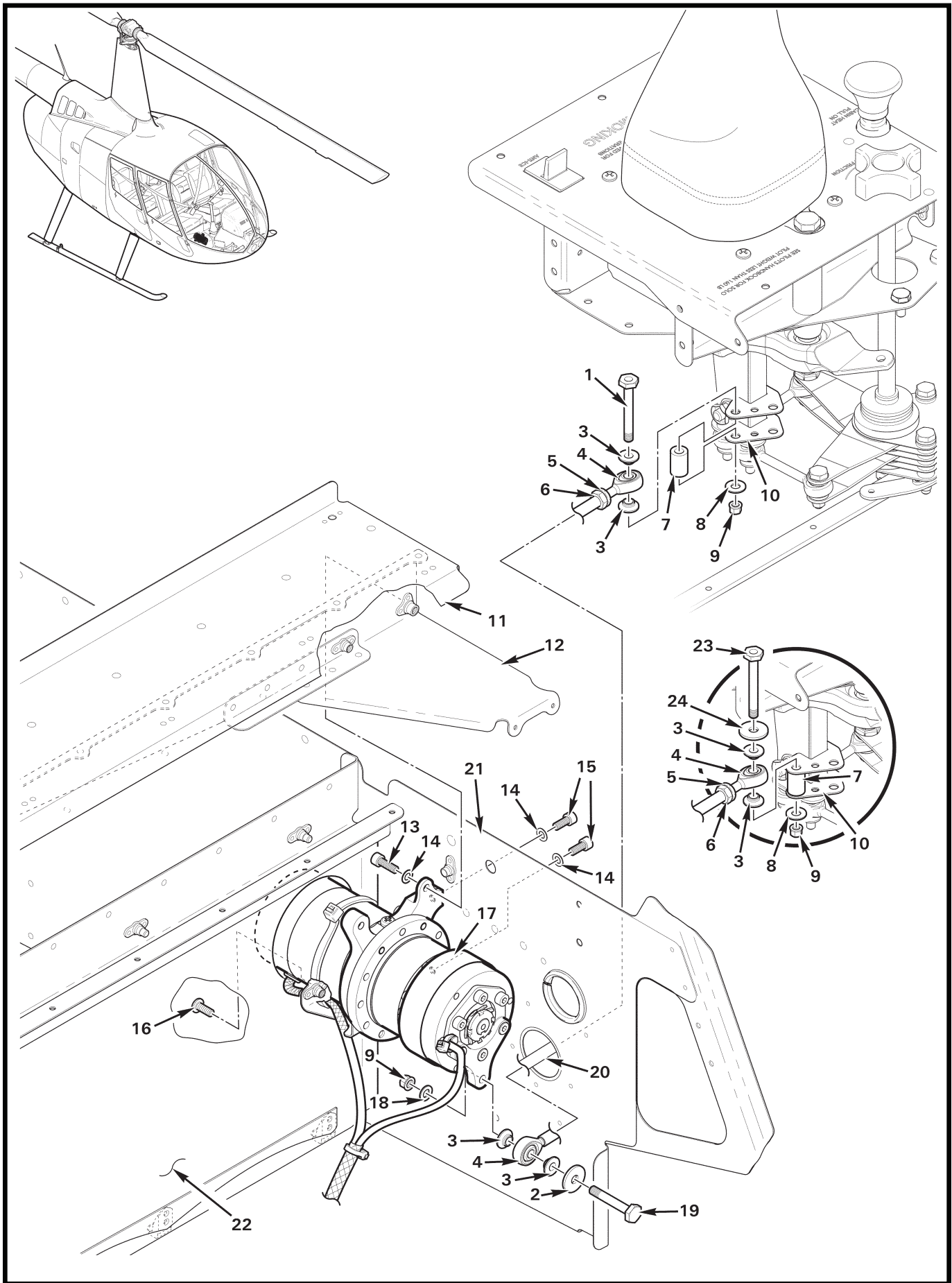


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		(ROLL) SERVO ASSEMBLY INSTALLATION		
22-5-1	NAS6603-20	Bolt	X	1
2	A141-17	Washer	X	1
3	A341-1	Spacer	X	4
4	A127-3	Rod End	X	2
5	B330-7	Palnut	X	2
6	AN315-3R	Nut	X	2
7	C130-51	Spacer	X	1
8	NAS1149F0332P	Washer	X	1
9	D210-3	Nut	X	3
10	D320-8	Stick Assembly – Cyclic (Ref)		
11	F391-1	Cover Assembly (Ref)		
12	D353-5	Brace Assembly (Ref)		
13	NAS1352-08-8P	Screw	X	2
14	NAS620-8L	Washer	X	4
15	NAS1352-08-6P	Screw	X	2
16	B526-6	Screw	X	1
17	O1317-4*	Servo Assembly (Roll)	X	1
18	NAS620-10L	Washer	X	1
19	NAS6603-14	Bolt	X	1
20	A336-8	Tube	X	1
21	F293-2	Keel Panel – Forward (Ref, LH)		
22	G702-7	Cover Assembly (Ref, see Figure 22-5)		
23	NAS6603-21	Bolt (earlier R66s)	X	1
24	A141-17	Washer (earlier R66s)	X	1
NOTES * Genesys-Aerosystems part number.				

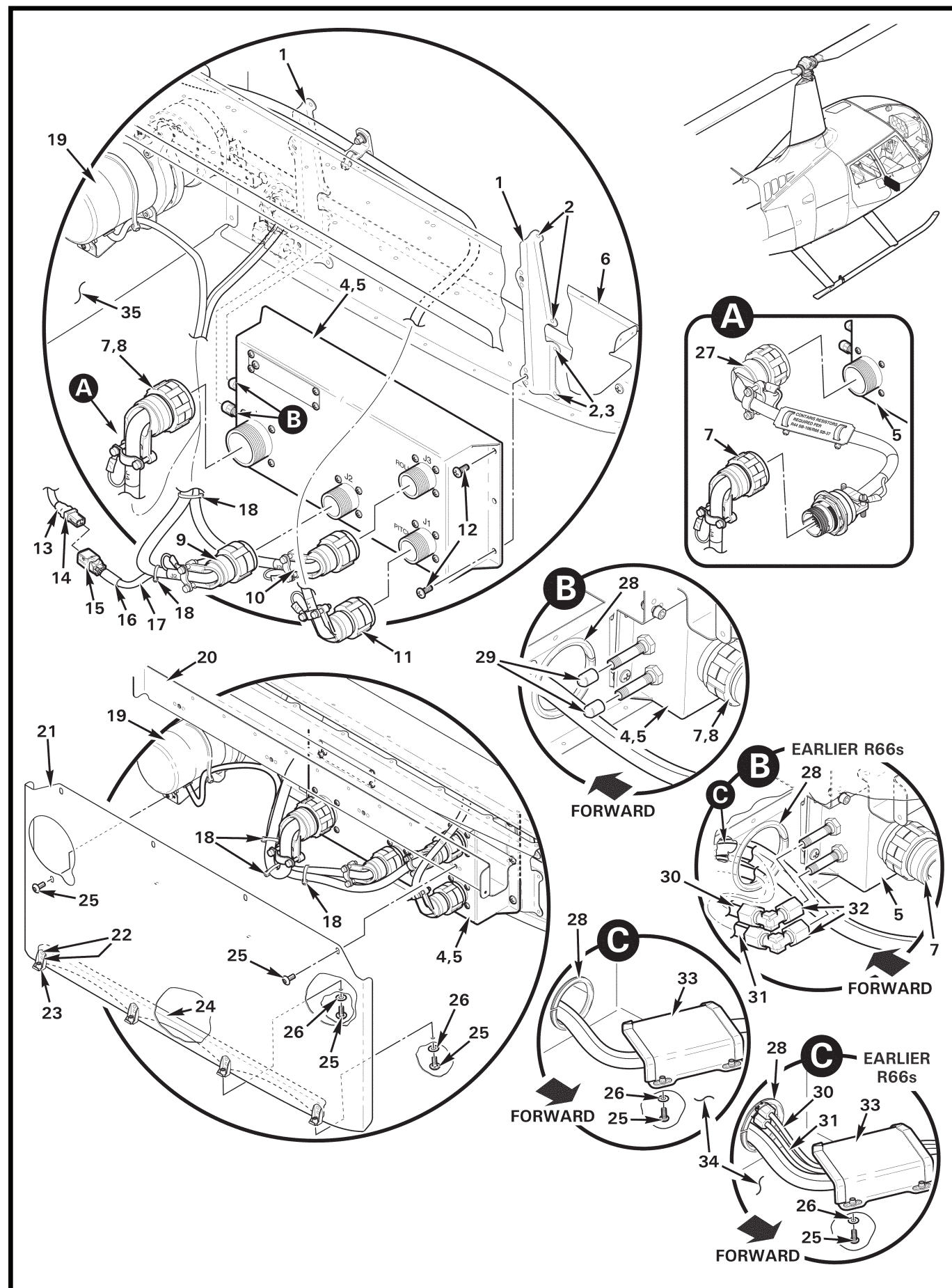


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FLIGHT CONTROL COMPUTER INSTALLATION		
22-7-1	D358-1	Support Assembly	X	2
2	MS20470AD3	Rivet	X	8
3	MS20604R3W2	Rivet (optional)	X	2
4	01311-02-111*	Flight Control Computer (For Software Version 52; used only with Figure 22-1 item 17.)	X	1
5	01311-03-11*	Flight Control Computer (For Software Version 51; used only with Figure 22-1 item 18.)	X	1
6	F391-1	Panel (Ref)		
7	D323-12	Harness Assembly (G500H, for use with item 5 only)	X	1
8	D323-13	Harness Assembly (J4 or Aspen)	X	1
9	D323-2	Harness Assembly (Autopilot, Std; Incl items 15 thru 17)	X	1
	D323-14	Harness Assembly (Autopilot, Long; Incl items 15 thru 17)	X	1
10	01317-4*	Servo Wire Harness Assembly (Roll, Ref)		
11	01317-3*	Servo Wire Harness Assembly (Pitch, Ref)		
12	MS27039C0806	Screw	X	4
13	D323-15	Harness Assembly (EFIS, G500H; Incl items 14, 16, 17, B268-3 Lacing Tape, and wires)	X	1
	D323-10	Harness Assembly (EFIS, G500H; Incl items 14, 16, 17, B268-3 Lacing Tape, and wires; for use with item 5 only)	X	1
	D323-11	Harness Assembly (EFIS, Aspen; Incl items 14, 16, 17, B268-3 Lacing Tape, and wires)	X	1
14	D269-12	Receptacle (includes [9] M39029/58-360 pins)	X	1
15	D269-11	Plug (includes [9] M39029/57-354 sockets)	X	1
16	B158-6	Heat Shrink	X	A/R
17	B266-4	Sleeving	X	A/R
18	MS3367-5-0	Ty-rap	X	A/R
19	01317-4*	Servo Assembly — Roll (Ref)		
20	F362-5	Beam Assembly (Ref)		
21	G702-7	Cover Assembly (Incl items 22 thru 24)	X	1
22	MS20470AD3	Rivet	X	8
23	MF6000-08	Nutplate	X	4
24	G702-12	Stiffener	X	1
25	B526-6	Screw	X	11
NOTES * Genesys-Aerosystems part no. Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FLIGHT CONTROL COMPUTER INSTALLATION (Cont'd)		
22-7-26	B527-08	Washer	X	6
27	D840-1 *	Harness Assembly (Incl items 28 and 29)	X	1
28	NAS557-28A	Grommet	X	1
29	VC-240-8	Cap	X	2
30	A729-23	Static Tube (Ref)		
31	A729-23	Pitot Tube (Ref)		
32	50-4-N-0	Elbow	X	2
33	D555-4	Shield Assembly	X	1
34	F272-1	Chin (Ref)		
35	F293-2	Keel Panel — Fwd (RH, Ref; see also Figure 22-5)		
NOTES * Harness may be installed between items 5 and 7 as an alternate method of compliance with R66 SB-37.				

CHAPTER 25

FURNISHINGS

<i>Figure</i>	<i>Title</i>	<i>Page</i>
25-1	Seat Installation	25.0
25-3	Forward Seat Belt Installation	25.2
25-5	Aft Seat Belt Installation	25.4
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25-11	Five-Point Harness Inertia Reel Installation	25.10
25-13	Five-Point Harness Bumper Assembly Installation	25.12
25-15	Carpet Installation	25.14
25-17	Headliner and Insulation Installation	25.16
25-19	Document Holder Installation	25.18
25-21	Fire Extinguisher Installation	25.20
25-23	Kannad ELT Installation	25.22
25-25	Cargo Hook Installation	25.24
25-27	Cargo Hook – Installation	25.26
25-31	Cargo Hook – Details	25.30
25-35	Cargo Hook – Left Side Details	25.34
25-39	Cargo Hook – Right Side Details	25.38
25-43	Cargo Hook – Left Seat Flight Controls	25.42
25-47	Guard Assembly Installation	25.46

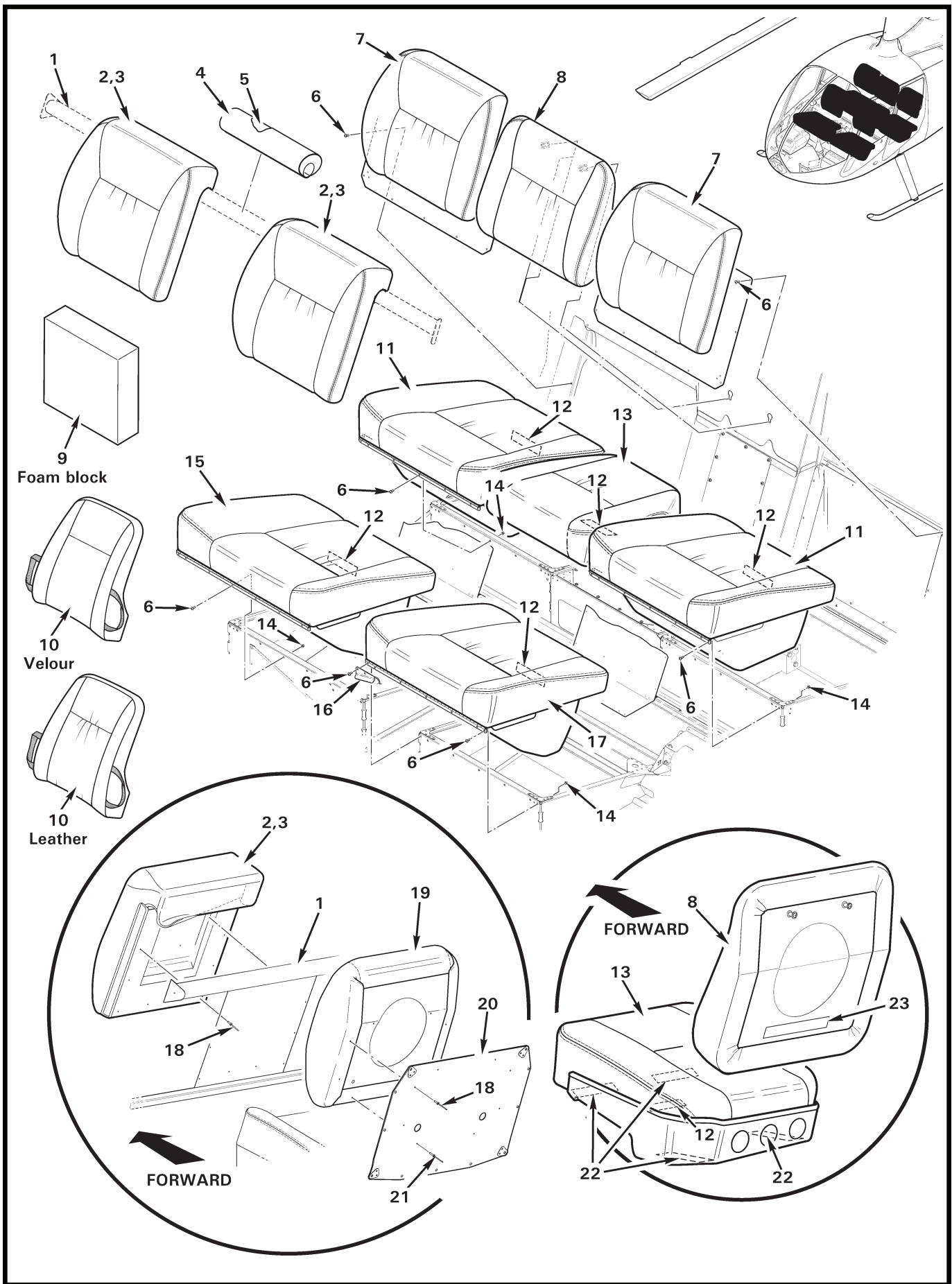


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY														
		SEAT INSTALLATION																
25-1-1	F423-1	Weldment (seat support, Ref)																
2	F936-1 *	Back Rest Assembly (install using item 3 and 18)	X	2														
3	B270-18PT	Adhesive	X	A/R														
4	C420-2 *	Cover Assembly	X	1														
5	C424-2	Padding	X	1														
6	MS27039C0806	Screw	X	49														
7	F003-23	Seat Back Assembly (RH and LH, includes items 18 thru 21)	X	2														
8	F932-1 *	Back Rest Assembly (not installed in R66 Police; see Figure 90-79 for optional G749 console)	X	1														
9	A693-1	Cushion (for shorter pilots, 14 in. X 14 in. X 3 in. foam block)	X	1														
10	A693-2 *	Cushion Assembly (optional; for shorter pilots)	X	1														
11	F921-1 *	Seat Assembly (RH and LH, includes item 12 and hinge)	X	2														
12	F654-19	Decal – “Energy-Absorbing Seat...”	X	5														
13	F931-1 *	Seat Assembly (Incl items 12 and 22; not installed in R66 Police, see Figure 90-79)	X	1														
14	MS21042L08	Nut	X	29														
15	F928-1 *	Seat Assembly (includes item 12 and hinge)	X	1														
16	G196-7	Light Assembly (Ref)																
17	F930-1 *	Seat Assembly (includes item 12 and hinge)	X	1														
18	B204-2	Rivet	X	38														
19	F936-2 *	Back Rest Assembly (RH and LH)	X	2														
20	F465-4	Panel Assembly (RH and LH)	X	2														
21	B204-3	Rivet	X	4														
22	B175-11	Hook Tape	X	A/R														
23	B175-11	Hook Tape (earlier R66s this location)	X	A/R														
<table><tr><th>Code</th><th>Definition</th></tr><tr><td>GRL</td><td>Gray leather</td></tr><tr><td>GRV</td><td>Gray velour</td></tr><tr><td>TNL</td><td>Tan leather</td></tr><tr><td>TNV</td><td>Tan velour</td></tr><tr><td>CHL</td><td>Charcoal leather</td></tr><tr><td>CHV</td><td>Charcoal velour</td></tr></table>					Code	Definition	GRL	Gray leather	GRV	Gray velour	TNL	Tan leather	TNV	Tan velour	CHL	Charcoal leather	CHV	Charcoal velour
Code	Definition																	
GRL	Gray leather																	
GRV	Gray velour																	
TNL	Tan leather																	
TNV	Tan velour																	
CHL	Charcoal leather																	
CHV	Charcoal velour																	
NOTES	* Refer to <i>chart</i> at the end of parts list when ordering. Include code after dash no., for example, F936-1 in gray leather, order “F936-1GRL”.																	

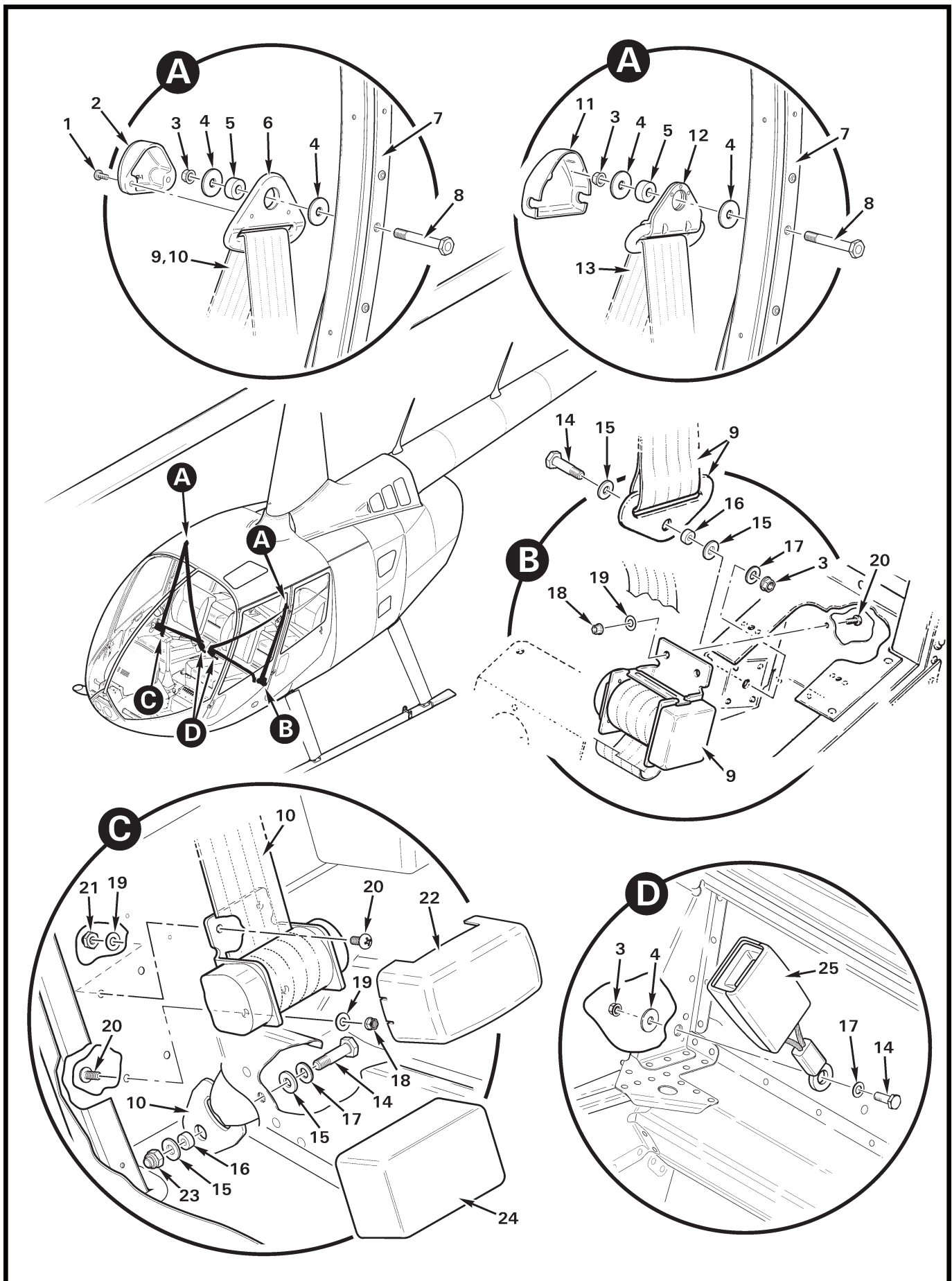


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FIVE-POINT HARNESS BUMPER ASSEMBLY INSTALLATION		
25-13-1	2740	Hole Plug	X	2
2	MS27039C1-07	Screw	X	6
3	F423-4	Tube Assembly (Incl item 1)	X	1
4	MS27039C0808	Screw	X	8
5	F424-1	Bumper Assembly	X	1
6	F423-1	Tube Weldment (Ref)		
7	C627-6	Five-Point Harness Assembly (Ref)		
8	C421-7	Fitting	X	2
9	NAS9301B-5-06	Rivet	X	2
10	C421-6	Tube	X	1
NOTES				

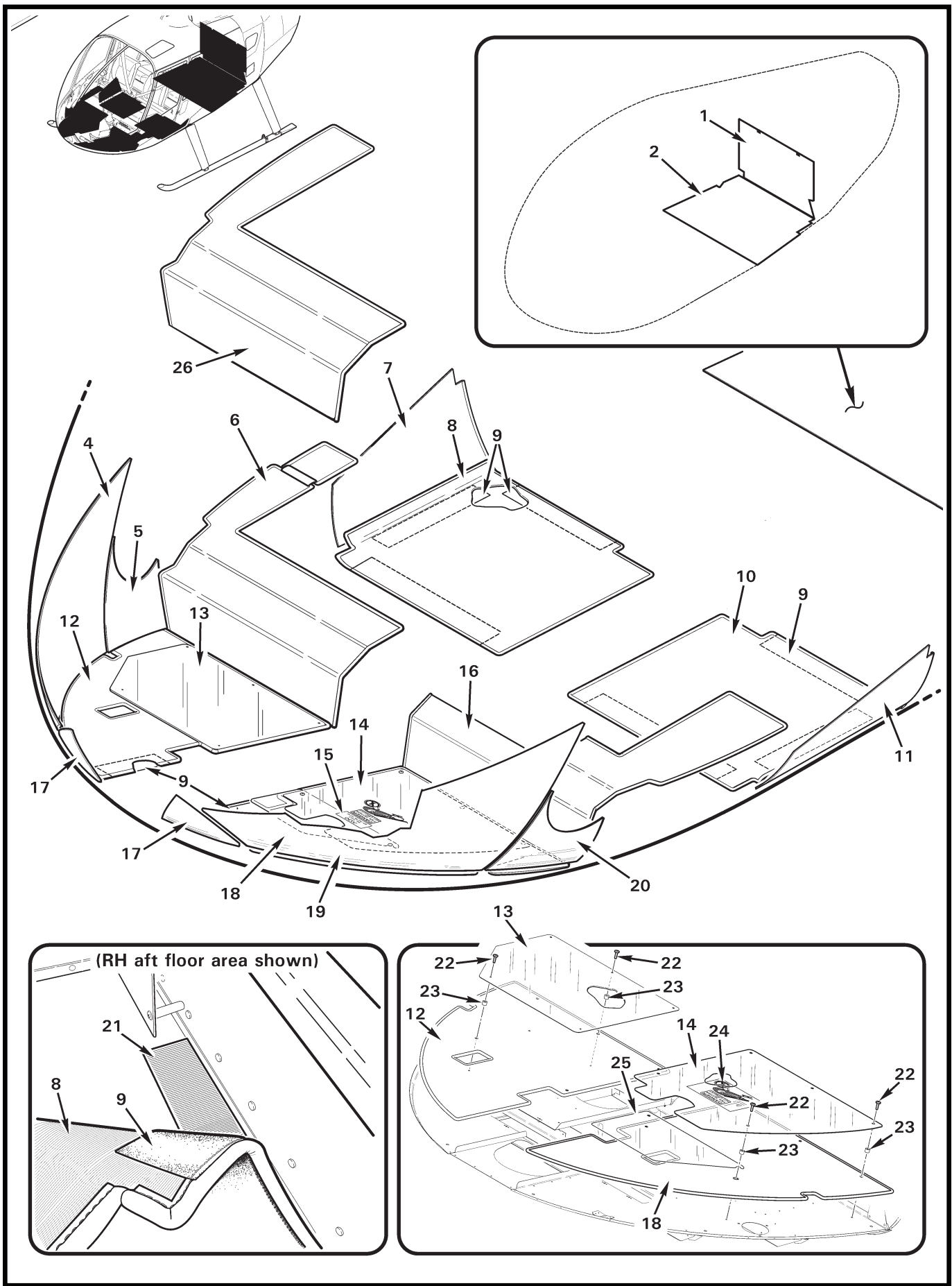
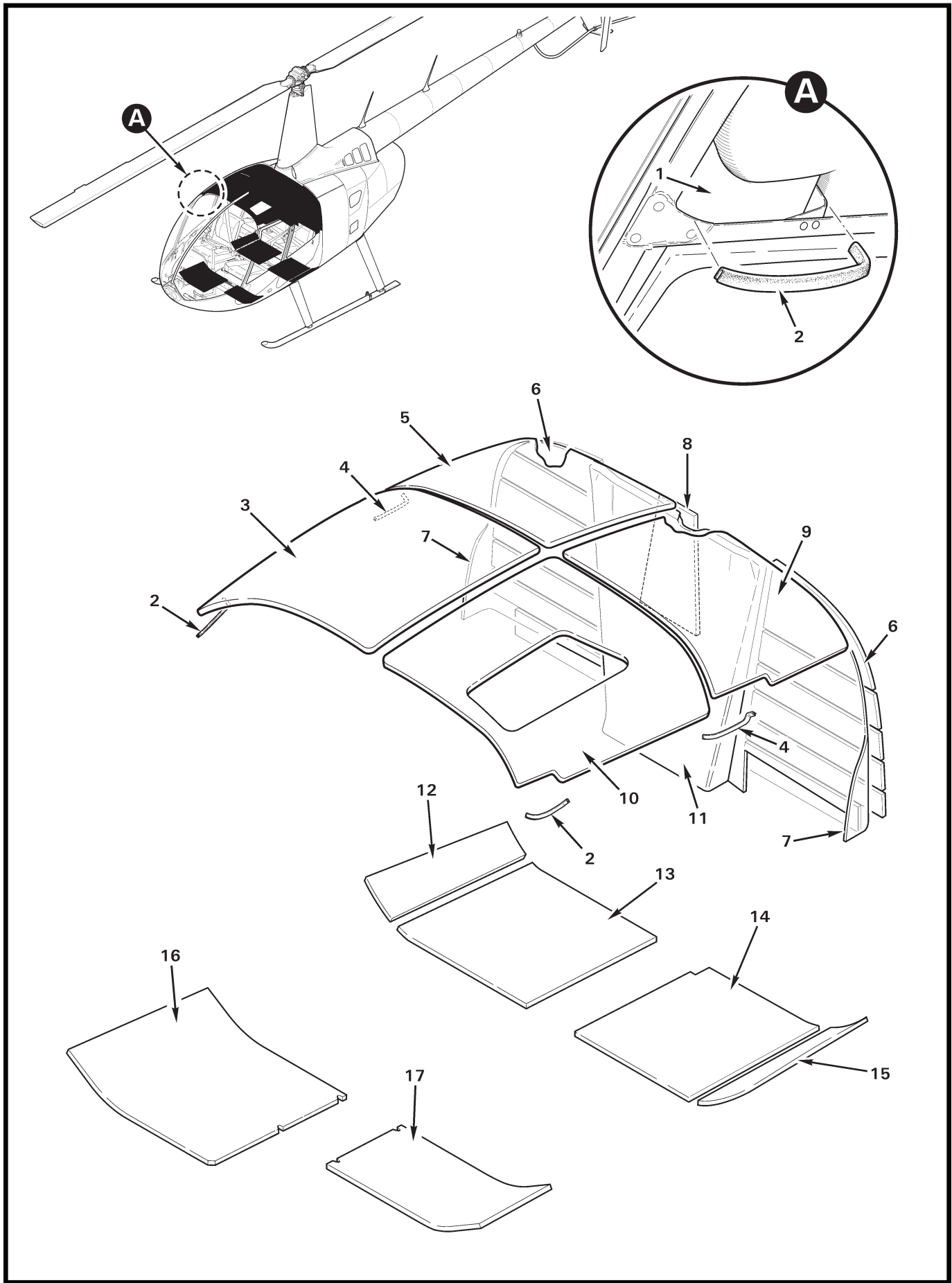


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		CARPET INSTALLATION		
25-15-1	F469-26*	Liner – Baggage Compartment	X	1
	F469-20*	Liner – Baggage Compartment (earlier R66s; not shown, Ref)	O	1
2	F469-25	Liner – Baggage Compartment	X	1
	F469-21*	Liner – Baggage Compartment (earlier R66s).	X	1
3	B270-8QT	Adhesive	X	A/R
4	F469-12*	Carpet** (RH)	X	1
5	F469-10*	Carpet** (RH)	X	1
6	F469-24*	Carpet Assembly** (RH; flap over external power plug not bonded down, see Figure 96-13)	X	1
7	F469-14*	Carpet Assembly** (RH)	X	1
8	F469-6***	Carpet Assembly** (RH, includes item 9)	X	1
9	B175-4	Loop Tape (black)	X	A/R
	B175-34	Loop Tape (tan)	X	A/R
10	F469-5***	Carpet Assembly** (LH, includes item 9)	X	1
11	F469-13*	Carpet Assembly** (LH)	X	1
12	F469-2***	Carpet Assembly** (RH)	X	1
13	G469-2	Scuff Plate	X	1
14	G469-1	Scuff Plate Assembly (Incl item 23)	X	1
15	B850-25	Hebrew Decal (place above marking on fwd scuff plate)	X	1
16	F469-7*	Carpet Assembly** (LH)	X	1
17	F469-15*	Carpet** (LH and RH)	X	2
18	F469-11*	Carpet** (LH)	X	1
19	F469-1***	Carpet Assembly** (LH)	X	1
20	F469-9*	Carpet** (LH)	X	1
21	B175-13	Hook Tape	X	A/R
22	AN525-832R10	Screw	X	10
23	A130-33	Spacer (between floor and scuff plate)	X	10
24	A654-85	Decal – “Danger” (earlier R66s; replace with G469-1 scuff plate, Ref)		
25	B392-3	Cover (pedal openings)	X	1
26	F469-8	Carpet Assembly (RH; earlier R66s)	X	A/R
NOTES * Install using item 3. ** Available in dark charcoal only. *** Install using item 21.				



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FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		GUARD ASSEMBLY INSTALLATION		
25-47-1	C069	Cyclic Control Assembly (Ref)		
2	A601-2	Grip (install using item 3)	X	1
3	B270-15	Adhesive	X	A/R
4	MS21042L08	Nut	X	2
5	G722-7	Latch	X	1
6	—	Sleeve (threaded; Ref)		
7	56-99-196-20	Plunger (Incl item 6)	X	1
8	G721-1	Guard Assembly (Incl items 2 thru 5, 7, 9 thru 11, and 13). . .	X	1
9	G721-2	Weldment	X	1
10	MS16562-15	Spring Pin	X	4
11	G722-5	Mount	X	2
12	NAS1352-08-6	Screw	X	3
13	G722-4	Support – Lower	X	1
14	NAS1149FN816P	Washer	X	1
15	R3592*	Set Screw (6-32 x 1/4)	X	1
16	G722-6	Plate	X	1
17	MS27039C0807	Screw	X	1
18	MS27039C0808	Screw	X	2
19	F033	Console Assembly – Lower (Ref)		
20	F297-2	Support Assembly (LH, forward; Ref)		
NOTES * Adjust set screw to limit fwd/aft movement to 0.015 inch max and allow spring pin to fully engage.				

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CHAPTER 28

FUEL SYSTEM

<i>Figure</i>	<i>Title</i>	<i>Page</i>
28-1	Fuel Bladder Assembly	28.0
28-5	Fuel Bladder Assembly – Aft Components	28.4
28-7	Low Fuel Switch and Drain Assembly Installation	28.6
28-9	Fuel Valve and Hoses Installation	28.8
28-13	Large Auxiliary Fuel Tank Installation	28.12
28-15	Large Auxiliary Fuel Tank Assembly	28.14
28-19	Large Auxiliary Fuel Tank – Components	28.18
28-21	Small Auxiliary Fuel Tank Installation	28.20
28-23	Small Auxiliary Fuel Tank Assembly	28.22
28-27	Small Auxiliary Fuel Tank – Components	28.26
28-29	Auxiliary Fuel Tank – Hose Installation	28.28
28-31	Auxiliary Fuel Tank – Electrical Components	28.30
28-35	Auxiliary Fuel Tank – Electrical Components	28.34
28-37	Pressure Fueling System – Main Fuel Port	28.36
28-41	Pressure Fueling System – Shut-off Valve Assemblies	28.40
28-43	Pressure Fueling System – Pressure Fuel Port	28.42
28-45	Pressure Fueling System – Electrical Components	28.44
28-49	Pressure Fueling System – Electrical Components	28.48

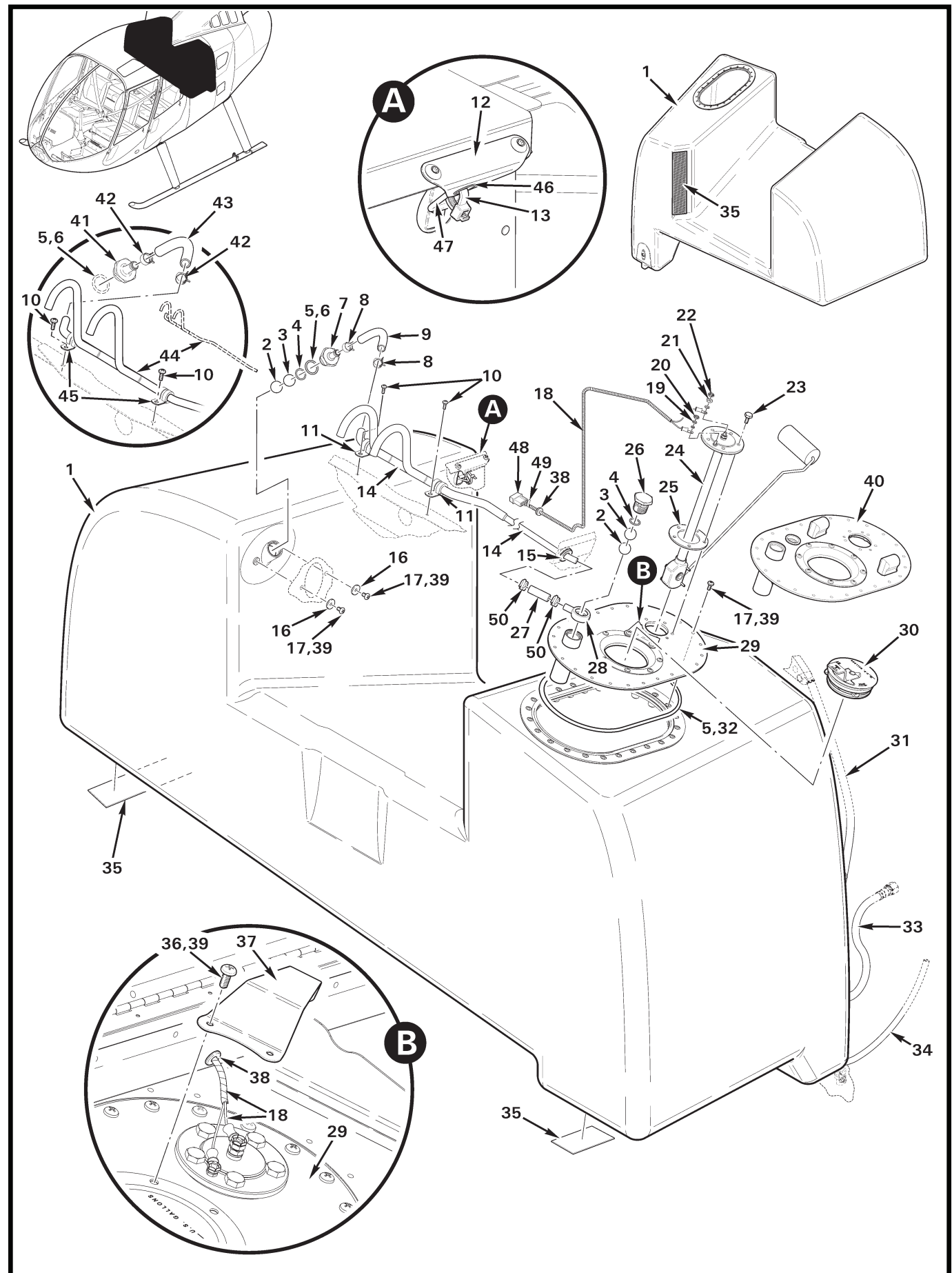


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FUEL BLADDER ASSEMBLY		
28-1-1	G028-1	Bladder Assembly (Incl item 35)	X	1
2	B208-6	Ball (red anodized)	X	2
3	B208-5	Ball (gold alodine; earlier balls were blue)	X	2
4	A215-015	O-Ring	X	2
5	A257-6	Grease	X	A/R
6	MS29512-10	Packing (o-ring; install using item 5)	X	2
7	G254-2	Fitting	X	2
8	D277-10	Clamp	X	4
9	A729-82	Tube	X	1
10	MS27039C0807	Screw	X	2
11	MS21919WDG8	Clamp	X	2
12	G915-5	Tab (Ref)		
13	MS3367-7-9	Ty-Rap	X	1
14	F731-6	Vent Weldment	X	1
15	MS35489-11	Grommet	X	1
16	A141-17	Washer	X	2
17	MS27039C1-06	Screw (install using item 39)	X	26
18	F049-04	Harness Assembly (fuel sender; includes items 38, 48, & 49)	X	1
19	44-121 *	Nut (small; supplied with sender)	O	2
20	B330-5	Palnut (small)	X	1
21	0044-00408 *	Nut (large)	O	2
22	B330-6	Palnut (large)	X	1
23	B289-4	Bolt (includes O-ring)	X	5
	5-108 N674-70 **	O-ring	O	A/R
24	F550-1	Fuel Quantity Sender (Incl items 19, 21, and 25)	X	1
25	0015-00423	Gasket (supplied with sender; spares available)	X	1
26	G254-6	Retainer	X	1
27	A729-65	Tube	X	1
28	G254-7	Fitting	X	1
29	F250-1 ***	Cover Assembly (for ships without optional aux fuel tank) . . .	X	1
30	F689-1	Cap (fuel)	X	1
31	A729-44	Tube (Ref, see Figure 28-5)		
32	MS29513-270	Packing (o-ring, install using item 5)	X	1
33	D205-21	Hose Assembly (Ref, see Figure 28-9)		
34	A729-43	Tube (drain; Ref, see Figure 28-5)		
NOTES * Rochester Gauges, Inc. part no. ** Parker O-ring part number. *** Refer to Figure 28-37 for ships with optional pressure fueling system.				
				Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FUEL BLADDER ASSEMBLY (Cont'd)		
28-1-35	B175-3	Hook Tape	X	A/R
36	MS27039C1-07	Screw (install using item 39)	X	2
37	G271-1	Guard	X	1
38	MS35489-4	Grommet	X	1
39	A257-9	Anti-seize	X	A/R
40	F250-10*	Cover Assembly (for ships with optional aux fuel tank)	X	1
41	G254-2**	Fitting	X	1
42	D277-8**	Clamp	X	2
43	A729-39**	Tube	X	1
44	F731-4	Vent Weldment (earlier R66s)	X	1
45	MS21919WDG6**	Clamp	X	2
46	NAS557-6A	Grommet	X	1
47	35486	Hanger Tab (Ref)		
48	B263-14	Housing	X	1
	B263-1	Pin	X	3
49	B161-2	Spirap	X	A/R
50	D277-8	Clamp	X	2
NOTES * Refer to Figure 28-37 for ships with optional pressure fueling system. ** Used with item 44.				

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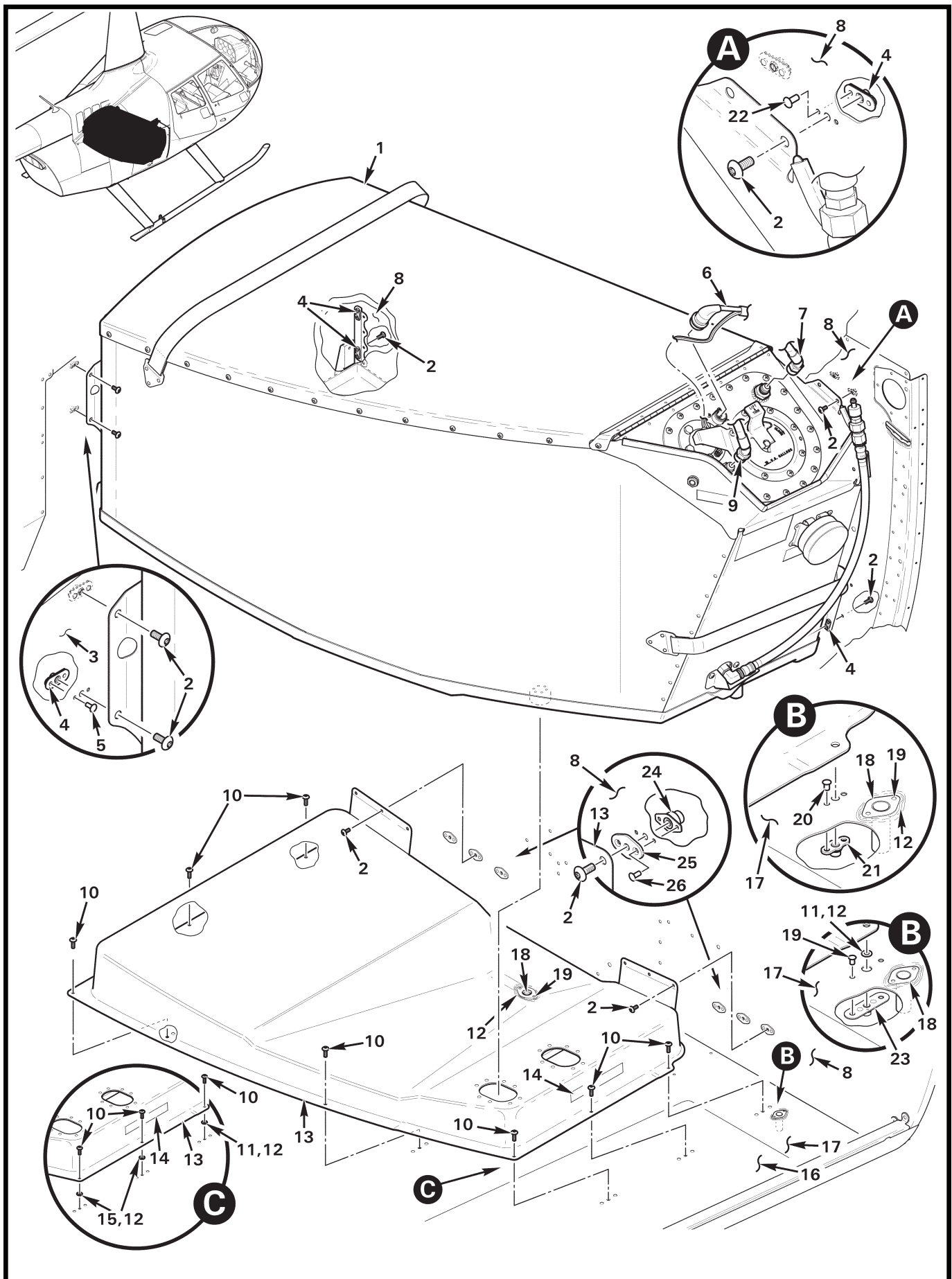


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		LARGE AUXILIARY FUEL TANK INSTALLATION		
28-13-1	G010-2	Aux Fuel Tank Assembly – Large (Ref, see Figure 28-15)		
2	B526-6	Screw	X	14
3	G251-1	Panel (Ref)		
4	MS21075L08E	Nutplate	X	8
5	B204-5	Rivet (or NAS1097AD3)	X	4
6	G768-10	Harness Assembly	X	1
7	D205-36	Hose Assembly – Vent/Return (Ref; see Figure 28-29)		
8	G259-1	Panel – Bulkhead (Ref)		
9	D205-36	Hose Assembly – Pump Line (Ref; see Figure 28-29)		
10	B526-8	Screw	X	7
11	NAS1149F0332P	Washer (install using item 12; earlier ships)	X	5
12	B270-1	Sealant	X	A/R
13	G755-1 *	Support Assembly (Incl item 14)	X	1
14	G682-29	Decal – "INSTALL FUEL TANK SUPPORT..."	X	1
15	NAS1149F0363P	Washer (install using item 12; earlier ships)	X	2
16	G242-5	Panel (Ref)		
17	G024-1	Floor Assembly (Ref)		
18	G762-15	Drain Weldment (install using item 12)	X	2
19	NAS9301B-4-02	Rivet	X	4
20	MS20426AD3	Rivet	X	26
21	MS21069L08K	Nutplate (if damaged, order item 23)	X	7
22	NAS1097AD3	Rivet	X	4
23	G762-13	Plate Assembly (Contact Technical Support for repair instructions.)	X	A/R
24	NAS1474A08	Nutplate	X	6
25	G766-5	Plate	X	6
26	MS20426AD3	Rivet	X	12

27	KI-239-2 **	R66 Large Aux Fuel Tank Installation Kit Instructions	X	A/R
28	KI-239-3 **	R66 Slimline Aux Fuel Tank Installation Kit Instructions	X	A/R
29	KI-239-5 **	R66 Aux Fuel Tank Installation Upgrade Kit Instructions	X	A/R
NOTES * Revision H and subsequent support assemblies compatible with G010-2 (large) & G010-4 (small) aux fuel tank; earlier supports may be modified if KI-239-5 kit is installed. ** See www.robinsonheli.com for kit contents and instructions.				

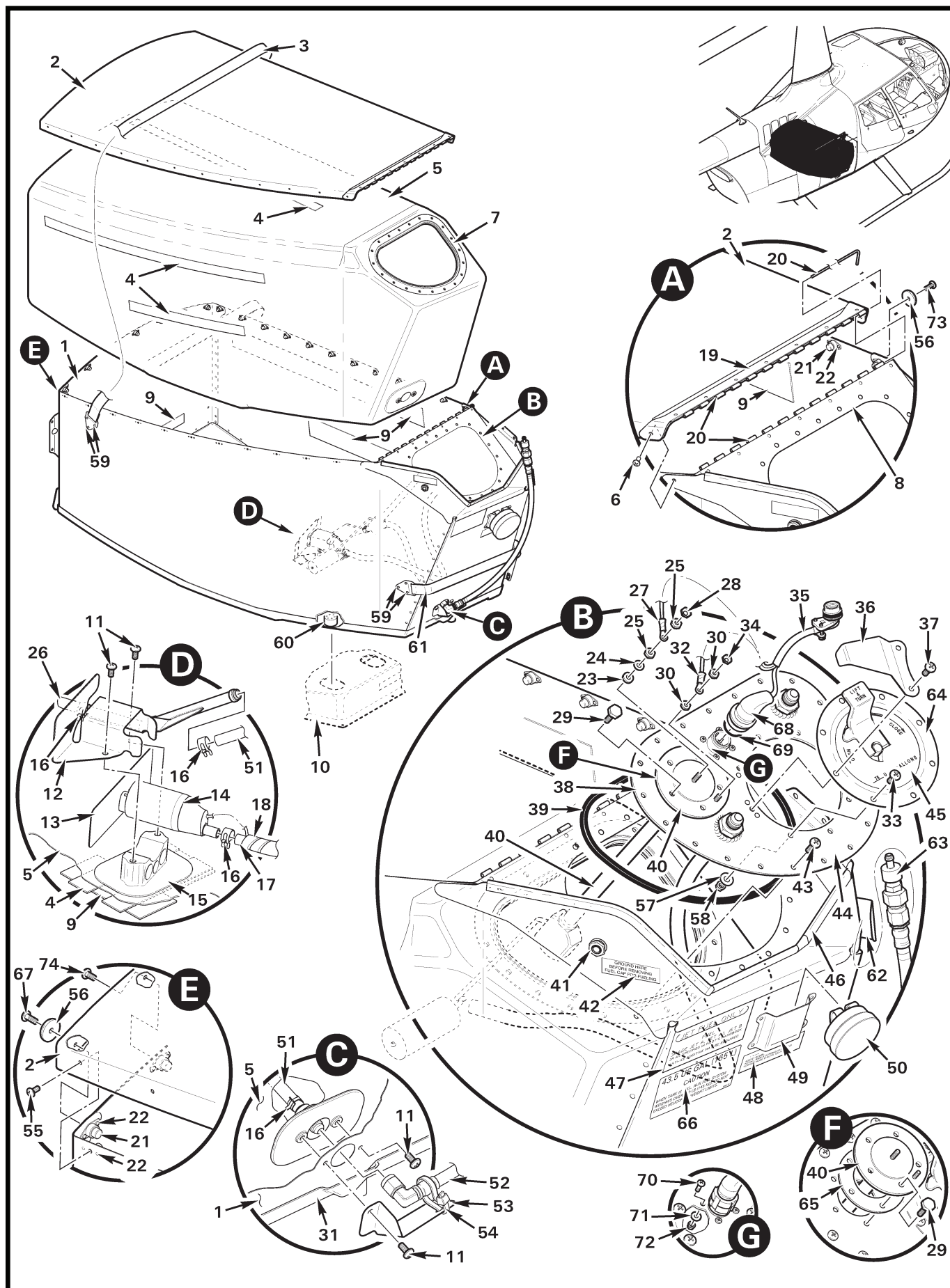


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		LARGE AUXILIARY FUEL TANK ASSEMBLY (Cont'd)		
28-15-68	MS3106F12S-3S	Receptacle	O	1
	222A121-25/225	Boot	O	1
69	A215-019	O-ring (install using A257-6 grease)	X	1
70	90825A146	Screw	X	4
71	NAS620-4L	Washer	X	4
72	MS21042L04	Nut	X	4
73	MS24694-S6	Screw	X	1
74	MS24694-S3	Screw	X	5
NOTES				

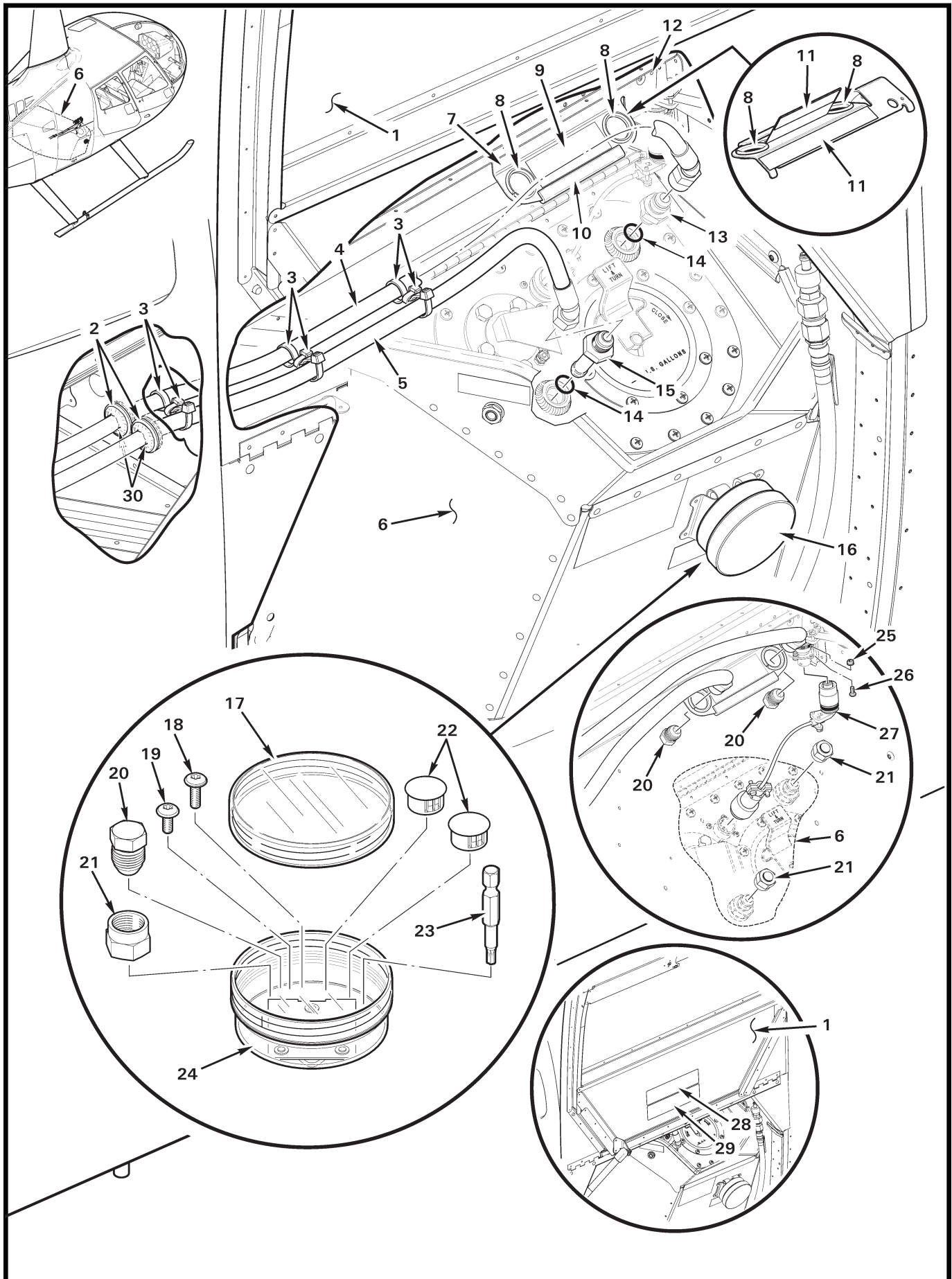


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		LARGE AUXILIARY FUEL TANK – COMPONENTS		
28-19-1	G900-1	Door Assembly – Baggage (Ref)		
2	MS35489-16	Grommet	X	5
3	MS3367-7-9	Ty-Rap ([2] each location, [1] used as standoff)	X	6
4	D205-36	Hose Assembly – Vent/Return (Ref; see Figure 28-29)		
5	D205-36	Hose Assembly – Pump Line (Ref; see Figure 28-29)		
6	G010-2	Aux Fuel Tank Assembly – Large (Ref)		
7	G769-1	Bracket Assembly (Incl items 8 thru 11)	X	1
8	NAS557-12A	Grommet	X	2
9	G682-31	Decal (hose stowage/plugs installation instructions)	X	1
10	A226-11	Trim (3.3 inch length)	X	A/R
11	A701-7	Tape (double sided)	X	A/R
12	NAS9301B-4-02	Rivet	X	1
13	A880-906	Fitting (or AN815-6D)	X	1
14	MS29512-06	Packing (o-ring)	X	2
15	G764-5	Fitting	X	1
16	MT183-1	Kit (loose parts for when aux tank is removed; includes items 17 thru 24)	X	1
17	—	Cap	X	1
18	B526-8	Screw	X	7
19	B526-6	Screw	X	14
20	AN806-6D	Plug	X	2
21	AN820-6	Cap (or AN929-6)	X	2
22	2663	Hole Plug (DP-625)	X	2
23	7396A23*	Torx Bit	X	1
24	MT183-2	Jar Assembly (includes clip and item 17)	X	1
25	MS21042L04	Nut	X	1
26	MS35206-214	Screw	X	2
27	G768-10	Harness Assembly (Ref, see Figure 28-13)		
28	G682-40	Decal – “CAUTION...” (load maximums)	X	1
	G682-44	Decal – “CAUTION...” (load maximums; police and E.N.G.) . .	X	1
29	B850-37	Hebrew Decal (below G682-40 equivalent; see also Figure 11-17)	X	A/R
30	B270-1	Sealant	X	A/R
NOTES * McMaster-Carr part number.				

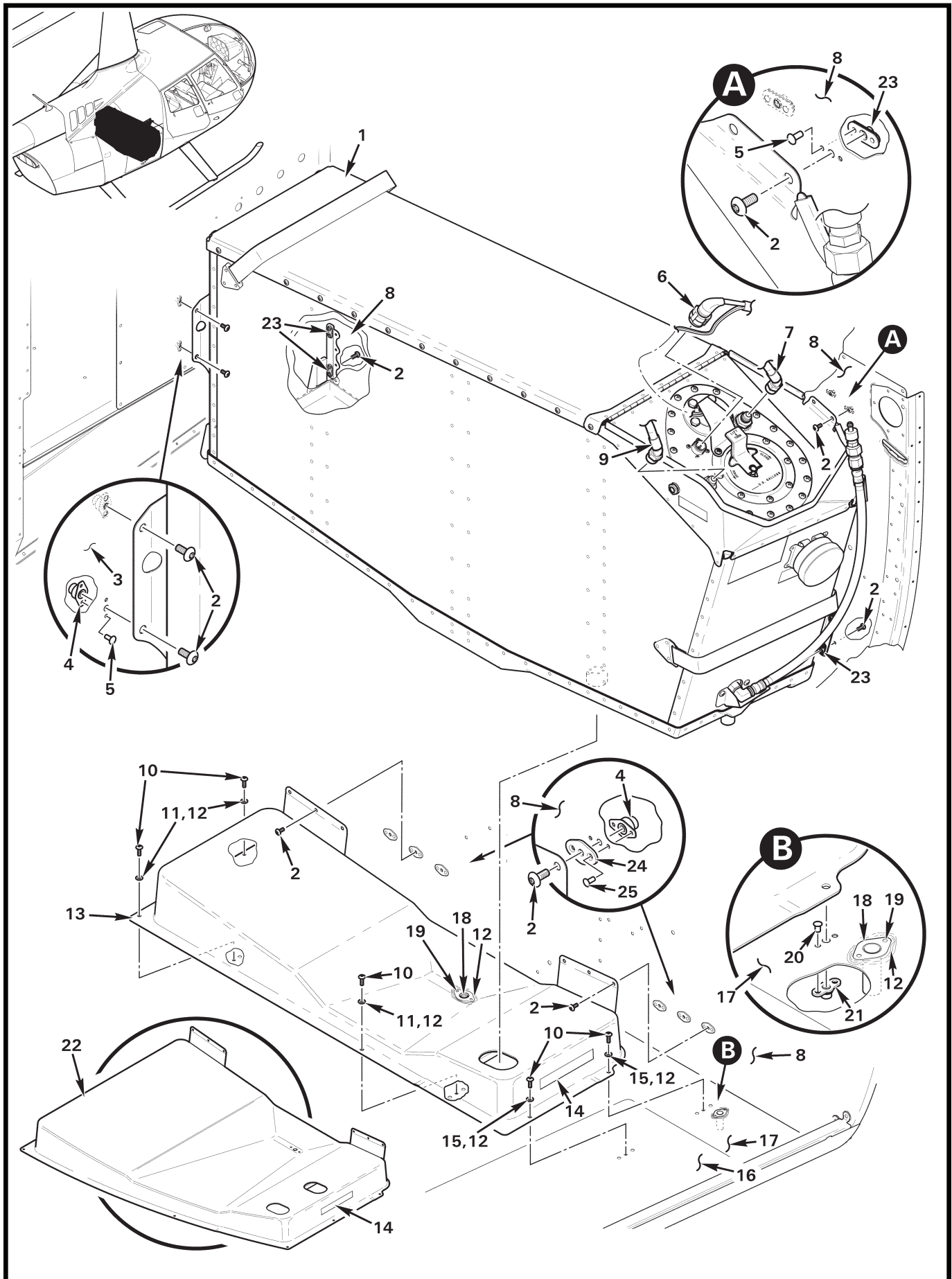


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SMALL AUXILIARY FUEL TANK INSTALLATION		
28-21-1	G010-4	Aux Fuel Tank Assembly – Small (Ref, see Figure 28-23)		
2	B526-6	Screw	X	14
3	G248-8	Panel (Ref)		
4	NAS1474A08	Nutplate	X	8
5	NAS1097AD3	Rivet (or B204-5 in item 3)	X	18
6	G768-10	Harness Assembly	X	1
7	D205-36	Hose Assembly – Vent/Return (Ref; see Figure 28-29)		
8	G259-1	Panel – Bulkhead (Ref)		
9	D205-36	Hose Assembly – Pump Line (Ref; see Figure 28-29)		
10	B526-8	Screw	X	5
11	NAS1149F0332P	Washer (install using item 12; earlier aircraft, not required) . .	X	3
12	B270-1	Sealant	X	A/R
13	G755-3	Support Assembly (Incl item 14)	X	1
14	G682-29	Decal – "INSTALL FUEL TANK SUPPORT..."	X	1
15	NAS1149F0363P	Washer (install using item 12; earlier aircraft, not required) . .	X	2
16	G242-5	Panel (Ref)		
17	G024-1	Floor Assembly (Ref)		
18	G762-15	Drain Weldment (install using item 12)	X	2
19	NAS9301B-4-02	Rivet	X	4
20	MS20426AD3	Rivet	X	16
21	MS21069L08K	Nutplate	X	5
22	G755-1 *	Support Assembly (Incl item 14)	X	1
23	MS21075L08E	Nutplate	X	6
24	G766-5	Plate	X	6
25	MS20426AD3	Rivet	X	12

28	KI-239-3 **	R66 Slimline Aux Fuel Tank Installation Kit Instructions	X	A/R
NOTES * Revision H and subsequent support assemblies compatible with G010-2 (large) & G010-4 (small) aux fuel tank. ** See www.robinsonheli.com for kit contents and instructions.				

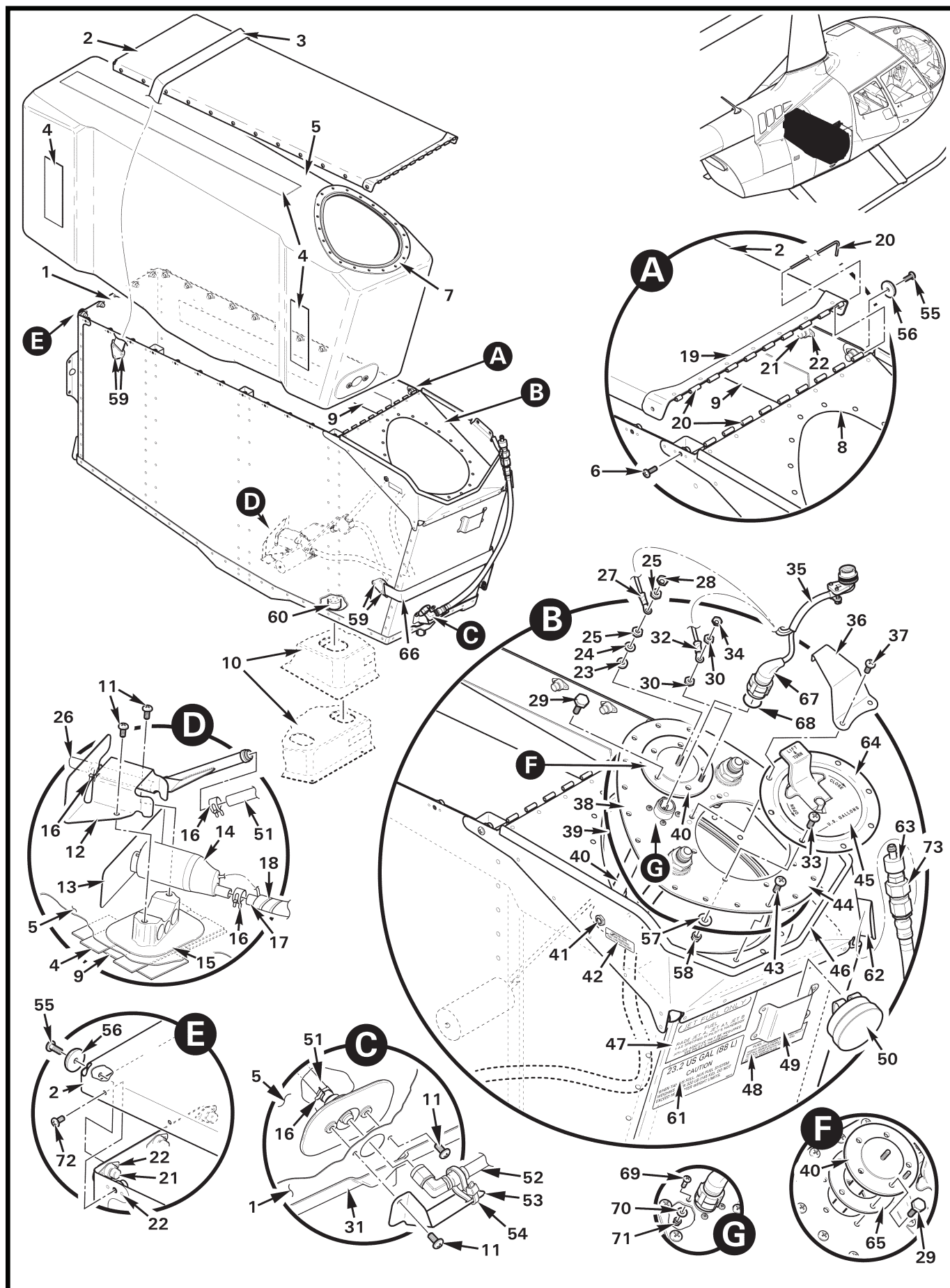


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SMALL AUXILIARY FUEL TANK ASSEMBLY (Cont'd)		
28-23-64	416-3B-1	Adapter	X	1
65	0015-00423	Gasket	X	1
66	G762-8	Strap Assembly	O	1
67	MS3106F12S-3S	Receptacle	O	1
	222A121-25/225	Boot	O	1
68	A215-019	O-ring	X	1
69	90825A146	Screw	X	4
70	NAS620-4L	Washer	X	4
71	MS21042L04	Nut	X	4
72	MS27039C0806	Screw	X	24
73	G764-6	Adapter	X	1
NOTES				

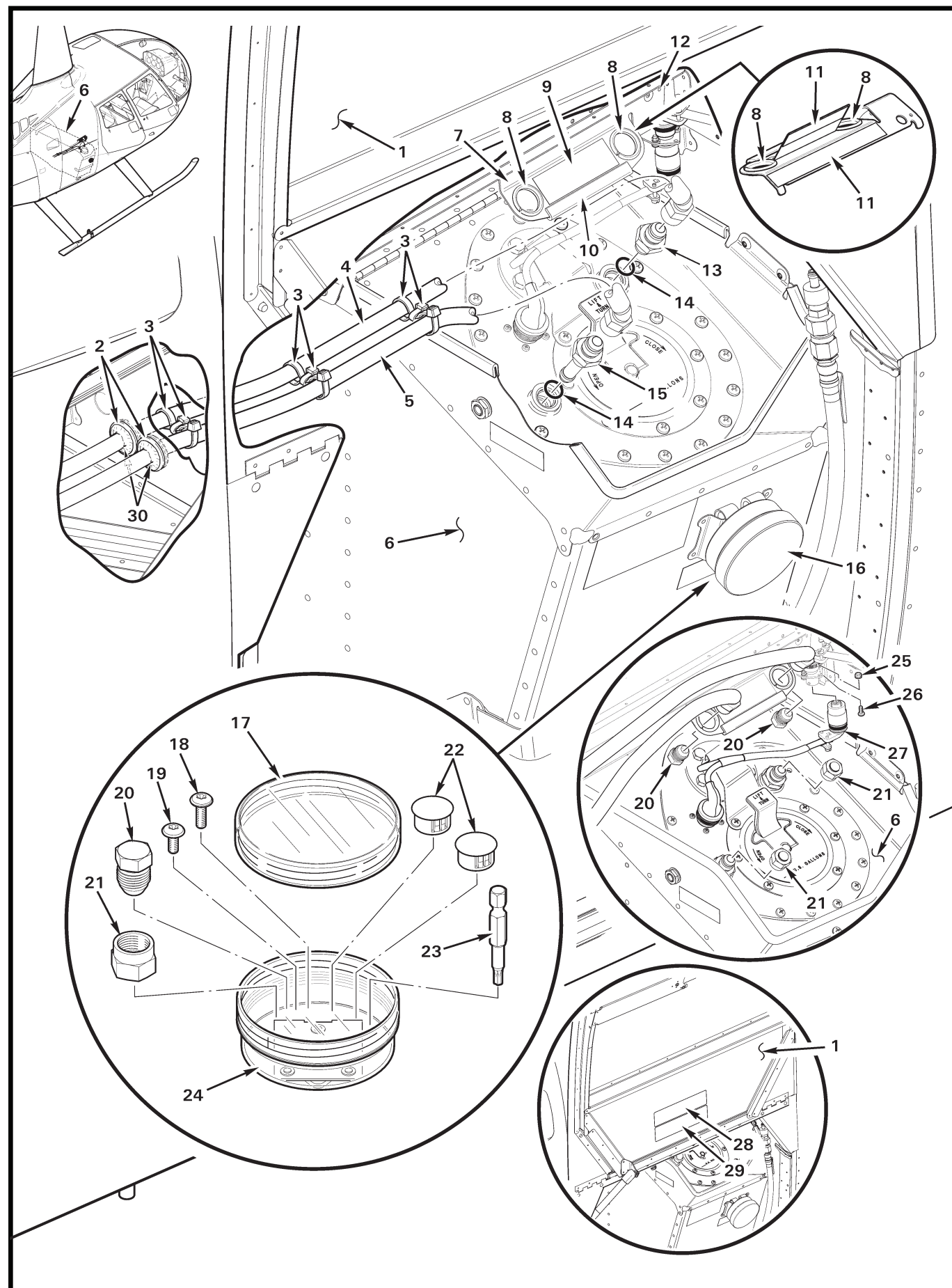


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SMALL AUXILIARY FUEL TANK – COMPONENTS		
28-27-1	G900-1	Door Assembly – Baggage (Ref)		
2	MS35489-16	Grommet	X	5
3	MS3367-7-9	Ty-Rap ([2] each location, [1] used as standoff)	X	6
4	D205-36	Hose Assembly – Vent/Return (Ref; see Figure 28-29)		
5	D205-36	Hose Assembly – Pump Line (Ref; see Figure 28-29)		
6	G010-4	Tank Assembly – Small Aux (Ref)		
7	G769-1	Bracket Assembly (Incl items 8 thru 11)	X	1
8	NAS557-12A	Grommet	X	2
9	G682-31	Decal (hose stowage/plugs installation instructions)	X	1
10	A226-11	Trim (3.3 inch length)	X	A/R
11	A701-7	Tape (double sided)	X	A/R
12	NAS9301B-4-02	Rivet	X	1
13	A880-906	Fitting (or AN815-6D)	X	1
14	MS29512-06	Packing (o-ring)	X	2
15	G764-5	Fitting	X	1
16	MT183-1	Kit (loose parts for when aux tank removed; includes items 17 thru 24)	X	1
17	—	Cap	X	1
18	B526-8	Screw	X	7
19	B526-6	Screw	X	14
20	AN806-6D	Plug	X	2
21	AN820-6	Cap (or AN929-6)	X	2
22	2663	Hole Plug (DP-625)	X	2
23	7396A23*	Torx Bit	X	1
24	MT183-2	Jar Assembly (includes clip and item 17)	X	1
25	MS21042L04	Nut	X	2
26	MS35206-214	Screw	X	2
27	G768-10	Harness Assembly (Ref, see Figure 28-13)		
28	G682-40	Decal – “CAUTION...” (load maximums)	X	1
29	B850-37	Hebrew Decal (below G682-40 equivalent; see also Figure 11-17)	X	A/R
30	B270-1	Sealant	X	A/R
NOTES * McMaster-Carr part number.				

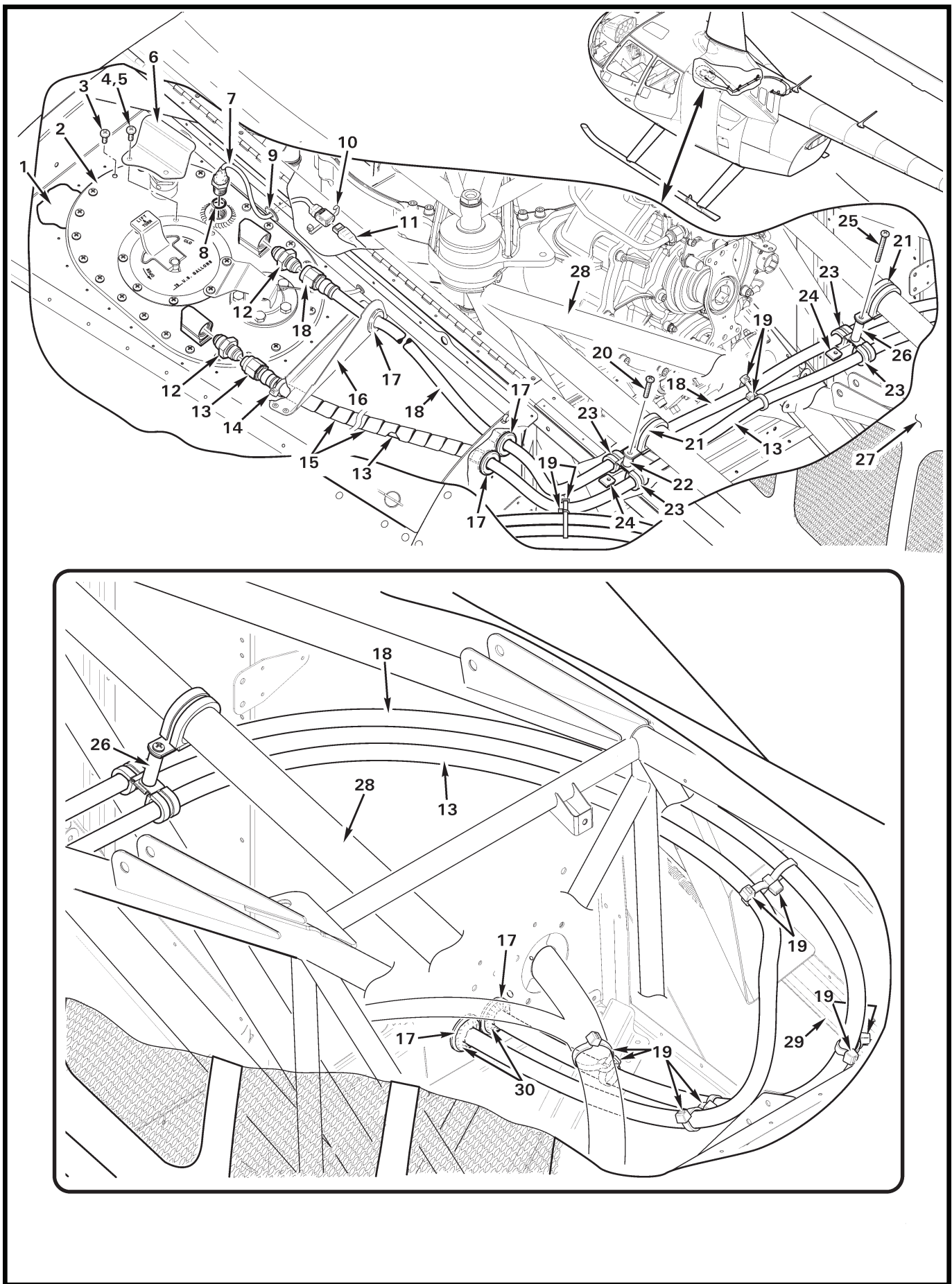


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AUXILIARY FUEL TANK – ELECTRICAL COMPONENTS		
28-35-1	F859	Wire Harness Assembly (Ref; includes items 4 and 5)		
2	G656-1	Module Assembly (Ref)		
3	MS27039C0807	Screw	X	2
4	39-01-2085	Housing	X	1
	39-00-0039	Socket	X	7
	RNC55H1403FS	Resistor (not shown)	X	1
	B158-2	Heat Shrink (cover resistor)	X	A/R
5	B158-6	Heat Shrink (labeled "AUX FUEL TIME DLY RLY")	X	A/R
6	XESR10-S01-FP-0787	Time Delay Relay	X	1
7	NAS1149FN816P	Washer	X	2
8	MS21042L08	Nut	X	2
9	F859-2697	Wire (Ref)		
	F859-2698	Wire (Ref)		
	F859-2702	Wire (Ref)		
	F859-2715	Wire (Ref)		
10	B158-10	Heat Shrink (labeled "AUX FUEL CONV")	X	1
11	B263-35	Housing	X	1
	B263-2	Socket	X	3
12	B263-34	Housing	X	1
	B263-3	Pin	X	3
13	D210-3	Nut	X	2
14	NAS1149F0332P	Washer	X	2
15	G768-7	Converter – Power (28-to-14-volt, includes item 12)	X	1
16	F679-2	Cover (Ref, RH)		
17	MS27039C1-08	Screw	X	4
18	MS21042L08*	Nut	X	4
19	NAS1149FN816P*	Washer	X	4
20	LT-46D*	Converter – Power (28-to-14-volt)	X	1
21	MS3116F14-5S*	Plug	X	1
22	MS27039C0805*	Screw	X	4
NOTES * Earlier R66's.				

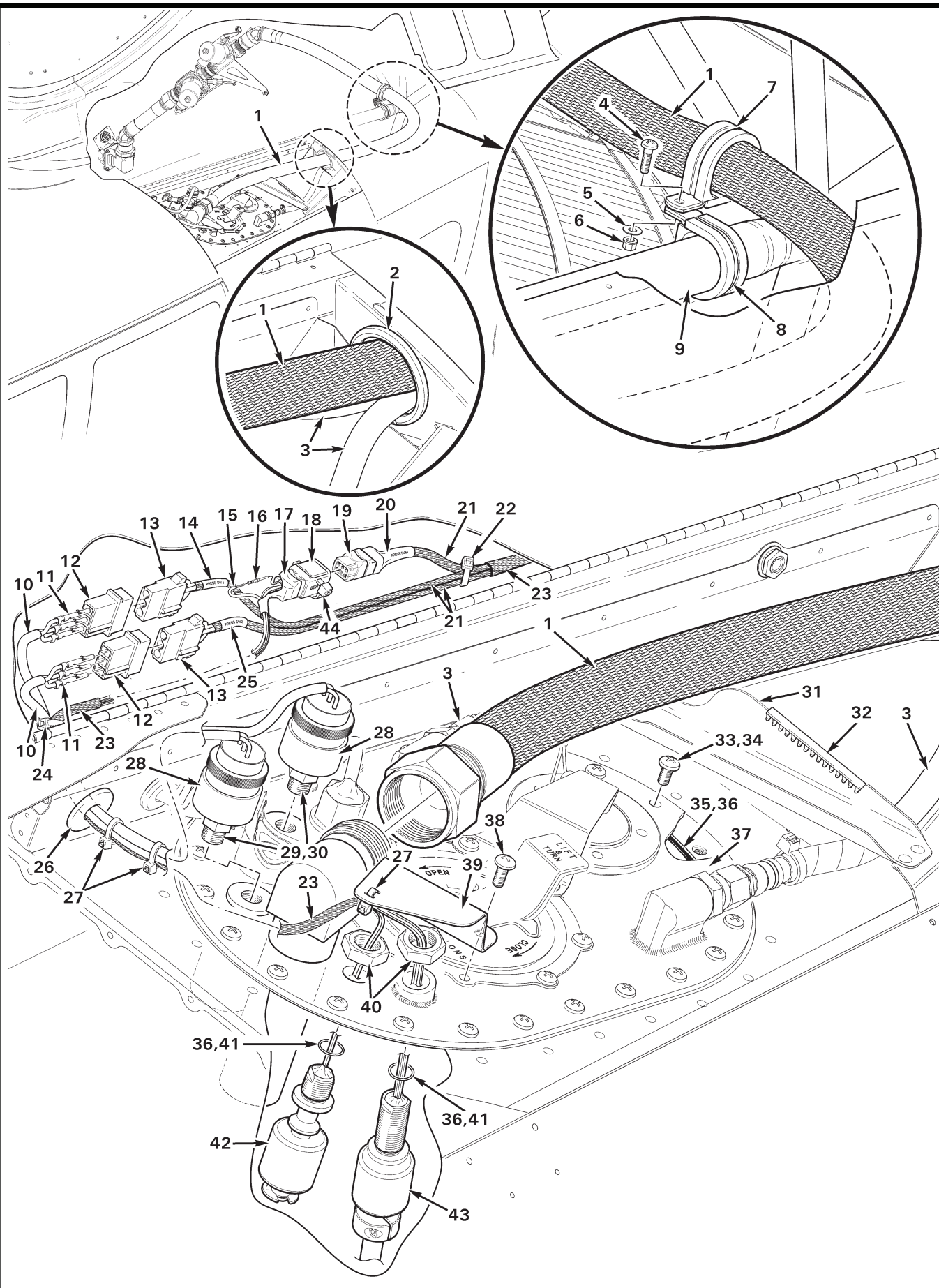


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – MAIN FUEL PORT		
28-37-1	D205-44	Hose Assembly	X	1
2	NAS557-28A	Grommet (for ships with optional aux fuel tank)	X	1
	MS35489-27	Grommet (for ships without optional aux fuel tank; not shown)	X	1
3	D205-36	Hose Assembly (Ref; optional fuel tank installation shown)		
4	MS27039C0809	Screw	X	1
5	NAS1149FN816P	Washer	X	1
6	MS21042L08	Nut	X	1
7	MS21919WDG19	Clamp	X	1
8	MS21919WDG18	Clamp	X	1
9	F020-1	Frame Assembly – Upper (Ref)		
10	B158-704	Heat Shrink	X	A/R
11	B263-1	Pin	X	3
12	B263-14	Housing	X	2
13	B263-15	Housing	X	2
	B263-2	Socket	X	4
14	B158-4	Heat Shrink (labeled “PRESS SW 1”)	X	A/R
15	—	Wire (typical, Ref)		
16	M39029/58-360	Pin	X	6
17	B158-6	Heat Shrink	X	A/R
18	D269-5	Plug (includes [6] M39029/58-360 pins)	X	1
19	D269-6	Receptacle (includes [6] M39029/57-354 sockets)	X	1
	B267-5	Splice (not shown)	X	2
20	B158-6	Heat Shrink (labeled “PRESS FUEL”)	X	A/R
21	B266-4	Sleeving	X	A/R
22	MS3367-5-9	Ty-rap	X	A/R
23	B266-8	Sleeving	X	A/R
24	MS3367-4-9	Ty-rap	X	A/R
25	B158-4	Heat Shrink (labeled “PRESS SW 2”)	X	A/R
26	MS35489-7	Grommet	X	1
27	MS3367-4-0	Ty-rap	X	A/R
28	D745-7	Switch Assembly – Pressure (Includes switch, wires, and items 10 and 11, assembled [does not include item 12]. Install using item 29 or 30 on threads.)	X	2
29	B270-6	Sealant	X	A/R
30	A701-11	Tape (Teflon)	X	A/R
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – MAIN FUEL PORT (Cont'd)		
28-37-31	G913-4	Strut (Ref)		
32	A225-1	Grommet	X	A/R
33	MS27039C1-06	Screw (install using item 34)	X	26
34	A257-9	Anti-seize	X	A/R
35	MS29513-270	Packing (install using item 36)	X	1
36	A257-6	Grease	X	A/R
37	F250-15	Cover Assembly (for ships with optional aux fuel tank)	X	1
	F250-12	Cover Assembly (for ships without optional aux fuel tank; not shown)	X	1
38	MS27039C1-07	Screw	X	2
39	G989-7	Shield	X	1
40	A880-1005	Nut	X	2
41	MS29512-05	Packing (install using item 36)	X	2
42	A521-6	Switch Assembly (includes switch and wires, assembled; does not include item 16)	X	1
43	A521-7	Switch Assembly (includes switch and wires, assembled; does not include item 16)	X	1
44	MS3367-4-9	Ty-rap (locks connector).	X	1
NOTES				

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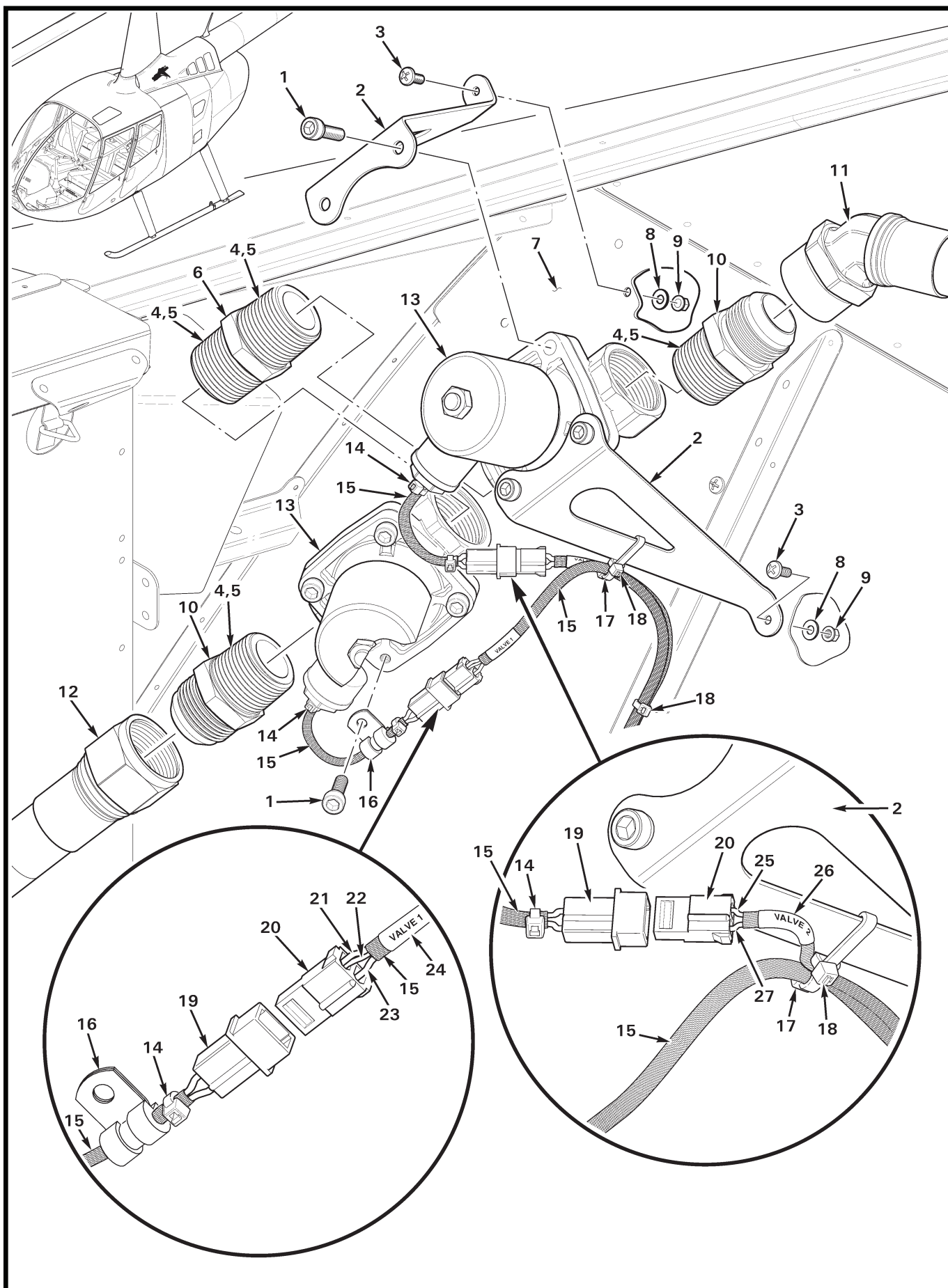


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – SHUT-OFF VALVE ASSEMBLIES		
28-41-1	—	Screw	O	8
2	G989-8	Bracket	X	2
3	MS27039C0806	Screw	X	2
4	B270-6	Sealant	X	A/R
5	A701-11	Tape (Teflon)	X	A/R
6	10375	Adapter (install using item 4 or 5 on threads)	X	1
7	F234-1	Firewall (Ref)		
8	NAS1149FN816P	Washer	X	2
9	MS21042L08	Nut	X	2
10	10228	Fitting (install using item 4 or 5 on threads)	X	2
11	D205-44	Hose Assembly (Ref)		
12	D205-45	Hose Assembly (Ref)		
13	G992-1	Valve Assembly (Incl items 14, 15, and 19)	X	2
14	MS3367-4-0	Ty-rap	X	4
15	B266-4	Sleeving	X	A/R
16	MS21919WDG2	Clamp	X	1
17	MS3367-5-9	Ty-rap	X	1
18	MS3367-4-9	Ty-rap	X	A/R
19	B263-12	Housing	X	2
	B263-1	Pin	X	2
20	B263-13	Housing	X	2
	B263-2	Socket	X	2
21	G991-3164	Wire (Ref)		
22	G991-3184	Wire (Ref)		
23	G991-3163	Wire (Ref)		
24	B158-4	Heat Shrink (labeled "VALVE 1")	X	A/R
25	G991-3184	Wire (Ref)		
26	B158-404	Heat Shrink (labeled "VALVE 2")	X	A/R
27	G991-3183	Wire (Ref)		
NOTES				

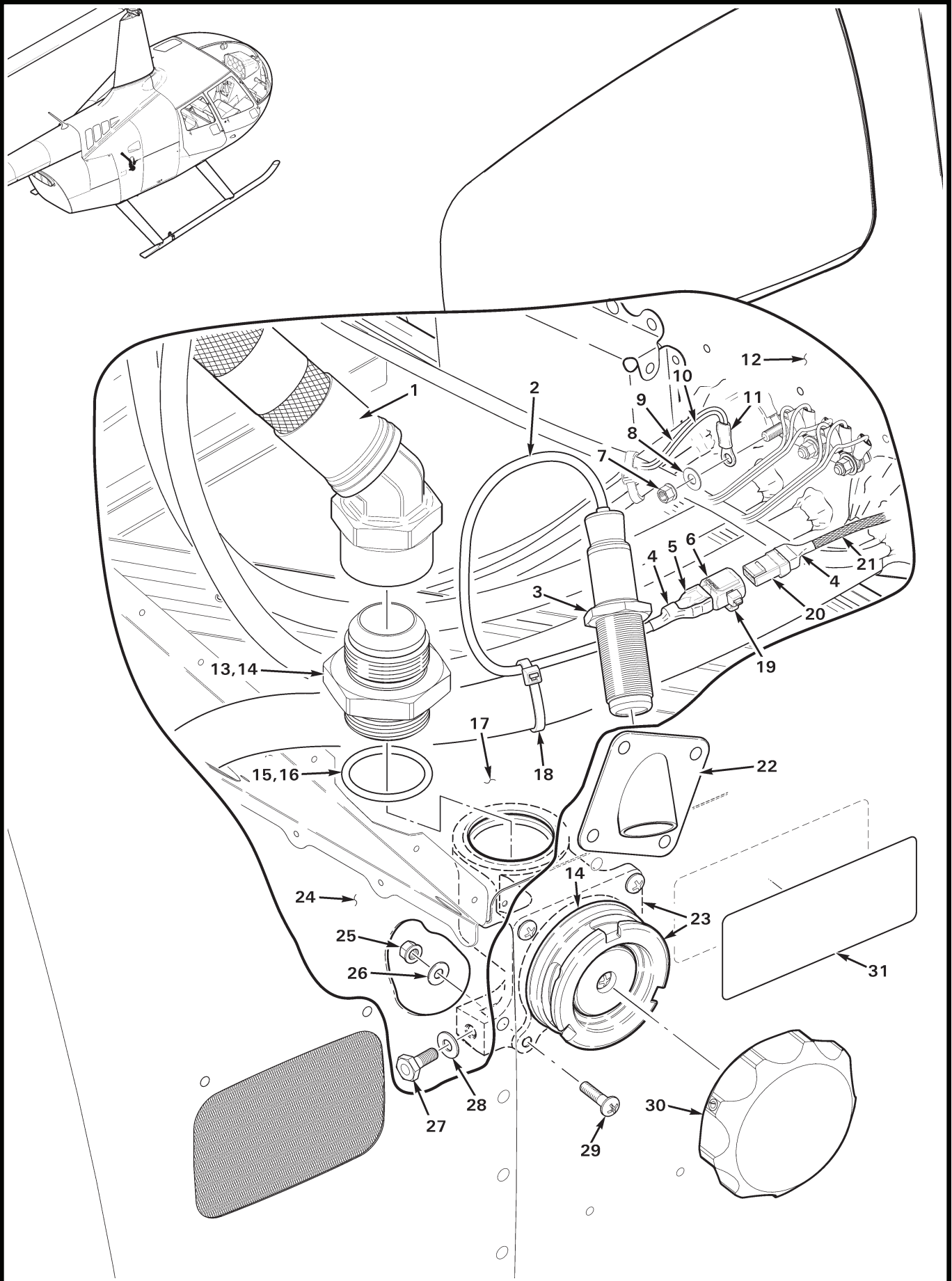


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – PRESSURE FUEL PORT		
28-43-1	D205-45	Hose Assembly	X	1
2	G990-4	Sensor Assembly (Incl items 3 thru 6)	X	1
3	—	Hex Nut	O	1
4	B158-6	Heat Shrink	X	A/R
5	D269-21	Backshell	X	1
6	D269-1	Plug (includes [3] M39029/58-360 pins)	X	1
	B158-01	Heat Shrink (around white wire, not shown)	X	A/R
7	MS21042L08	Nut (Ref)		
8	NAS1149FN816P	Washer (Ref)		
9	G991-3164	Wire (Ground, from G992-1 valve assembly; Ref)		
10	G991-3172	Wire (Ground, from item 2; Ref)		
11	B260-3	Terminal	X	1
12	G236-1	Bulkhead – Fuel Tank (Ref)		
13	G989-6	Fitting (apply item 14 between fitting and item 17)	X	1
14	B270-1	Sealant	X	A/R
15	MS29512-16	Packing (install using item 16)	X	1
16	A257-6	Grease	X	A/R
17	G239-1	Panel (Ref)		
18	MS3367-5-9	Ty-Rap	X	A/R
19	MS3367-4-9	Ty-Rap (locks connector).	X	1
20	D269-2	Receptacle (includes [3] M39029/57-354 sockets)	X	1
21	B266-4	Sleeving	X	A/R
22	G989-9	Housing Weldment (Ref)		
23	G987-1	Valve Assembly	X	1
24	F233-1	Firewall (Ref)		
25	MS21042L08	Nut	X	4
26	NAS1149FN816P	Washer	X	4
27	NAS6603-2	Bolt	X	1
28	NAS1149F0332P	Washer	X	1
29	MS27039C0810	Screw	X	4
30	G988-1	Cap Assembly	X	1
31	G682-45	Decal – " FUEL GRADE".	X	1
NOTES				

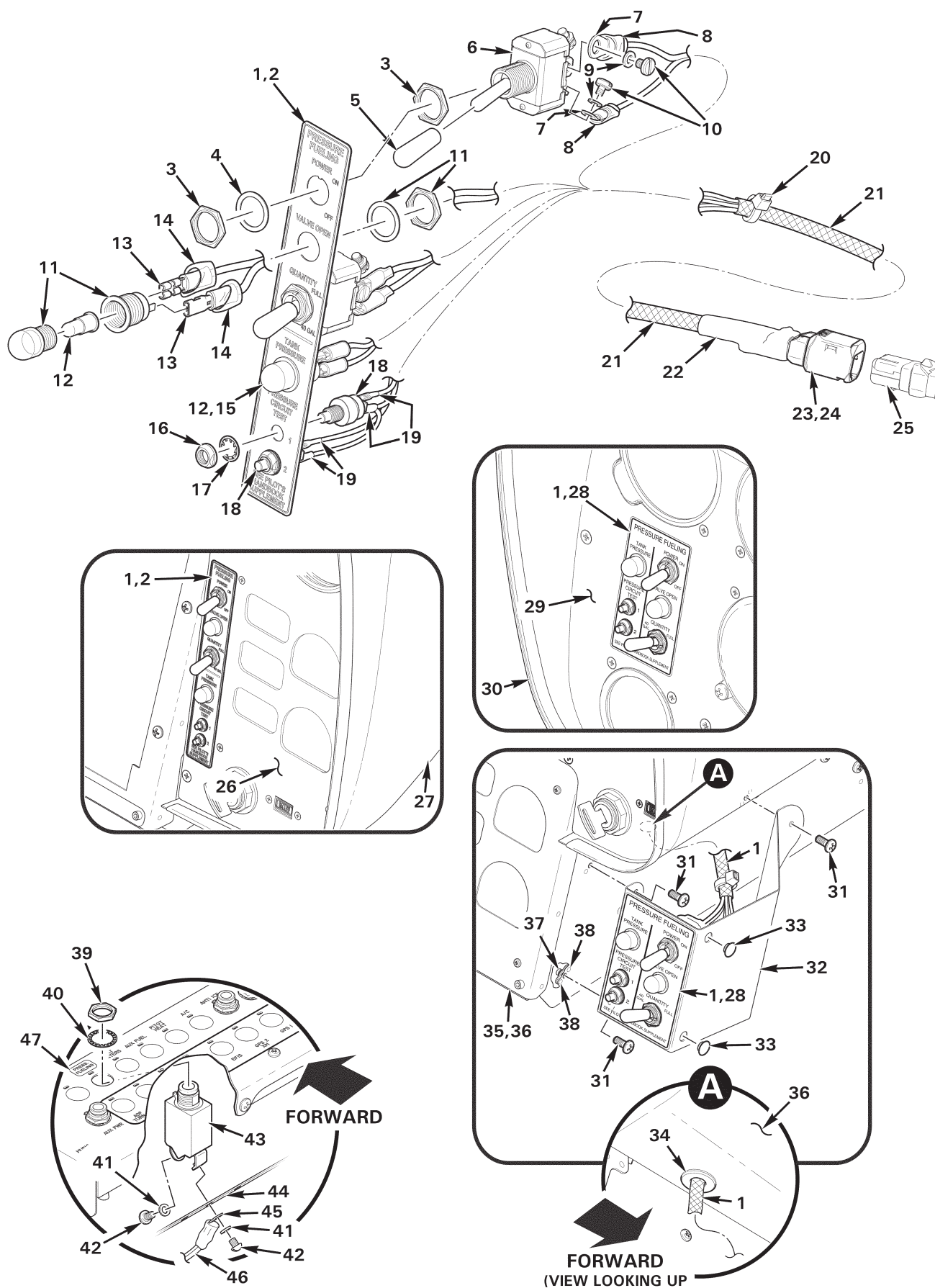


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – ELECTRICAL COMPONENTS		
28-45-1	G990-1	Switch Assembly – Fuel (Includes items 5 thru 8, 11 thru 15, 18 thru 24, and wires, assembled.)	X	1
2	G990-3	Panel – Fuel (G060)	X	1
3	—	Nut	O	4
4	—	Washer	O	2
5	AT406B	Cap	X	2
6	B300-4	Switch (Incl items 3 [2], 4 [1], 9 [3], and 10 [3])	X	2
7	B260-2	Terminal	X	4
8	B158-6	Heat Shrink (4 places)	X	A/R
9	—	Lockwasher	O	6
10	—	Screw	O	6
11	B198-1	Light – Caution (amber; does not include item 12)	X	1
12	B196-21	Lamp (28-volt)	X	2
13	B262-1	Receptacle	X	4
14	B158-3	Heat Shrink (4 places)	X	A/R
15	B198-2	Light – Warning (red; does not include item 12)	X	1
16	B227-4	Dress Nut	X	2
17	B227-3	Lockwasher	X	2
18	B227-6	Switch Assembly (includes items 16 and 17; supplied plain washer not used)	X	2
19	B158-2	Heat Shrink (4 places)	X	A/R
20	MS3367-4-0	Ty-rap	X	1
21	B266-4	Sleeving (or B266-8 sleeving)	X	A/R
22	B158-8	Heat Shrink (labeled “PRESS FUEL”)	X	A/R
23	D269-23	Backshell	X	1
24	D269-11	Plug (includes [9] M39029/57-354 sockets).	X	1
25	D269-12	Receptacle (Ref)		
26	G065	Face (Ref)		
27	G060	Console (Ref)		
28	G990-8	Panel – Fuel (G050/G070).	X	1
29	G055	Face (Ref)		
30	G050	Console (Ref)		
31	MS27039C0806	Screw	X	3
32	G990-5	Bracket	X	1
33	2603	Hole Plug	X	2
34	MS35489-149	Grommet	X	1
35	G074	Face (Ref)		
36	G070	Console (Ref)		
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – ELECTRICAL COMPONENTS (Cont'd)		
28-45-37	MS21069L08K	Nutplate	X	3
38	MS20426AD3	Rivet	X	6
39	—	Nut	O	1
40	—	Lockwasher	O	1
41	—	Washer	O	2
42	—	Screw	O	2
43	B297-5	Circuit Breaker (5 amp, includes items 39 thru 42)	X	1
44	A448	Bus Bar (Ref)		
45	B260-2	Terminal	X	1
46	G991-3156	Wire (Ref)		
	G991-3180	Wire (Ref)		
47	G682-46	Decal "PRESS FUELING"	X	1
NOTES				

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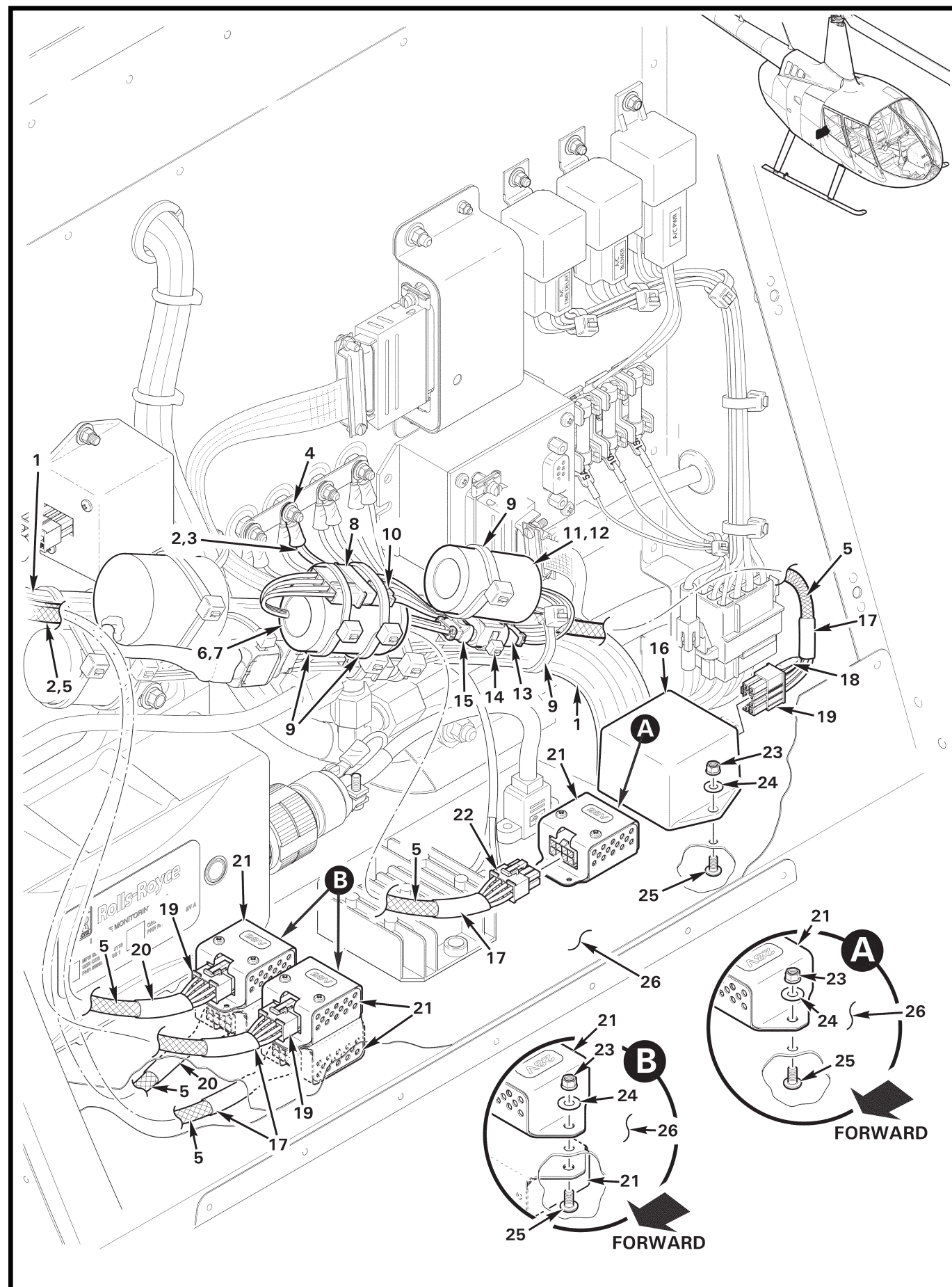


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		PRESSURE FUELING SYSTEM – ELECTRICAL COMPONENTS		
28-49-1	F859	Wire Harness Assembly (Ref)		
2	G991-1	Harness Assembly (Includes items 3 thru 5, 10, 15, 17 thru 20, ty-raps, splices, & diodes; see also Figures 28-37, 28-41, & 28-43.)	X	1
3	G991-3166	Wire (Ref)		
	G991-3251	Wire (Ref)		
	G991-3300	Wire (Ref)		
4	B260-3	Terminal (location optional)	X	1
5	B266-4	Sleeving	X	A/R
6	G993-1	Time Delay Assembly (Incl items 7 and 8)	X	1
7	B158-24	Heat Shrink	X	A/R
8	B263-16	Housing	X	1
	B263-1	Pin	X	4
9	MS3367-7-9	Ty-rap	X	A/R
10	B263-17	Housing	X	1
	B263-2	Socket	X	4
11	B280-12	Relay Assembly (Incl items 12 and 13)	X	1
12	B158-12	Heat Shrink	X	A/R
13	D269-1	Plug (includes [3] M39029/58-360 pins)	X	1
14	MS3367-4-9	Ty-rap (locks connector).	X	1
15	D269-2	Receptacle (includes [3] M39029/57-354 sockets	X	1
16	XESR10-S01-FP-0787	Relay – Time Delay	X	1
17	B158-6	Heat Shrink (black)	X	A/R
18	RNC55H1403FS	Resistor	X	1
	B158-2	Heat Shrink (covers resistor)	X	A/R
19	39-01-2085	Housing	X	5
	39-00-0039	Socket	X	6
20	B158-406	Heat Shrink (blue)	X	A/R
21	F695-9	Relay Assembly (Includes C654-22 Decal – "28V". [2] F695-5 assemblies [item 21] located below F679 cover.)	X	5
22	39-01-2085	Housing	X	1
	39-00-0039	Socket	X	5
23	MS21042L08	Nut	X	5
24	NAS1149FN816P	Washer	X	5
25	MS27039C806	Screw	X	5
26	F679	Cover (Ref)		
NOTES				

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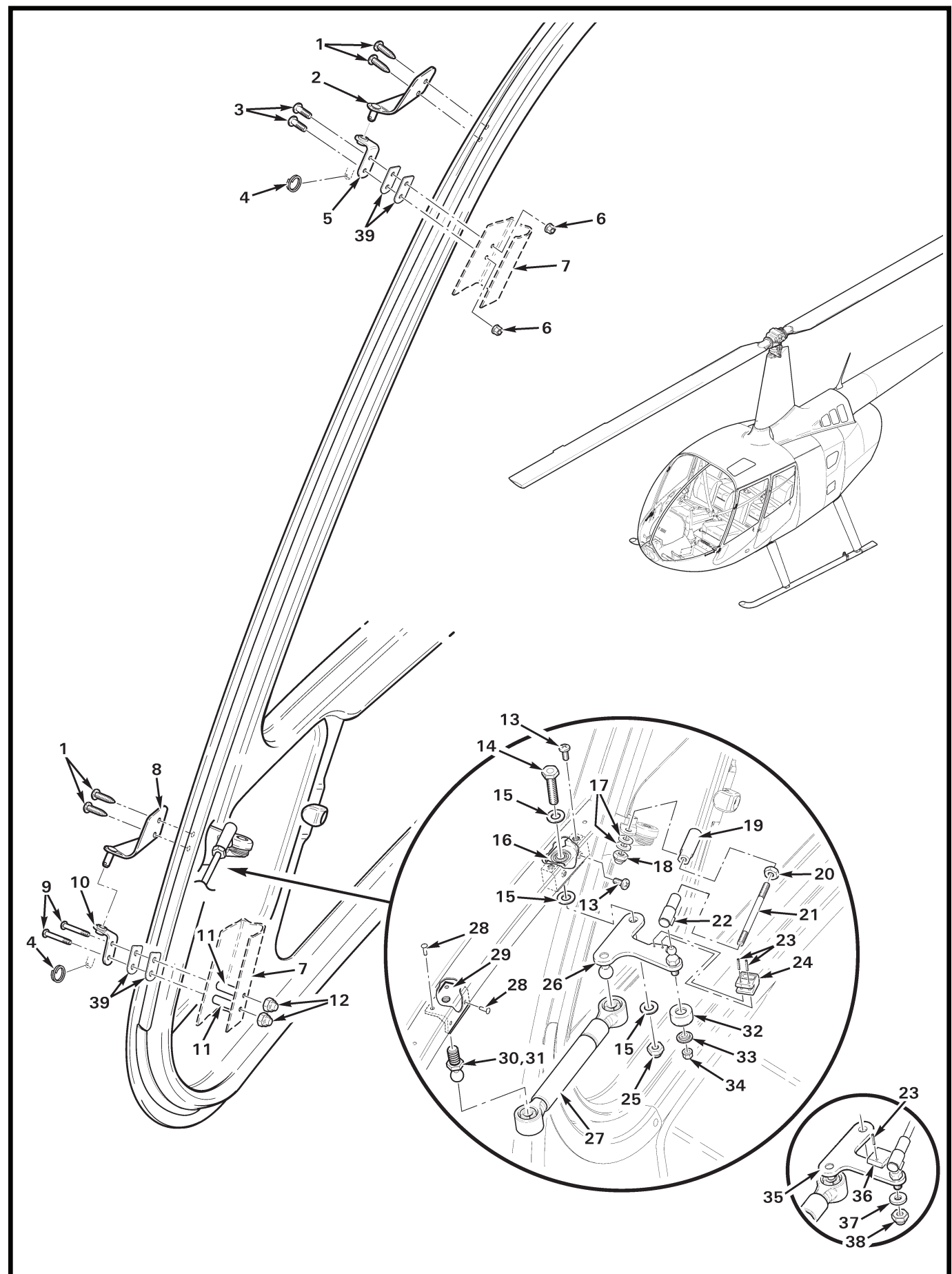


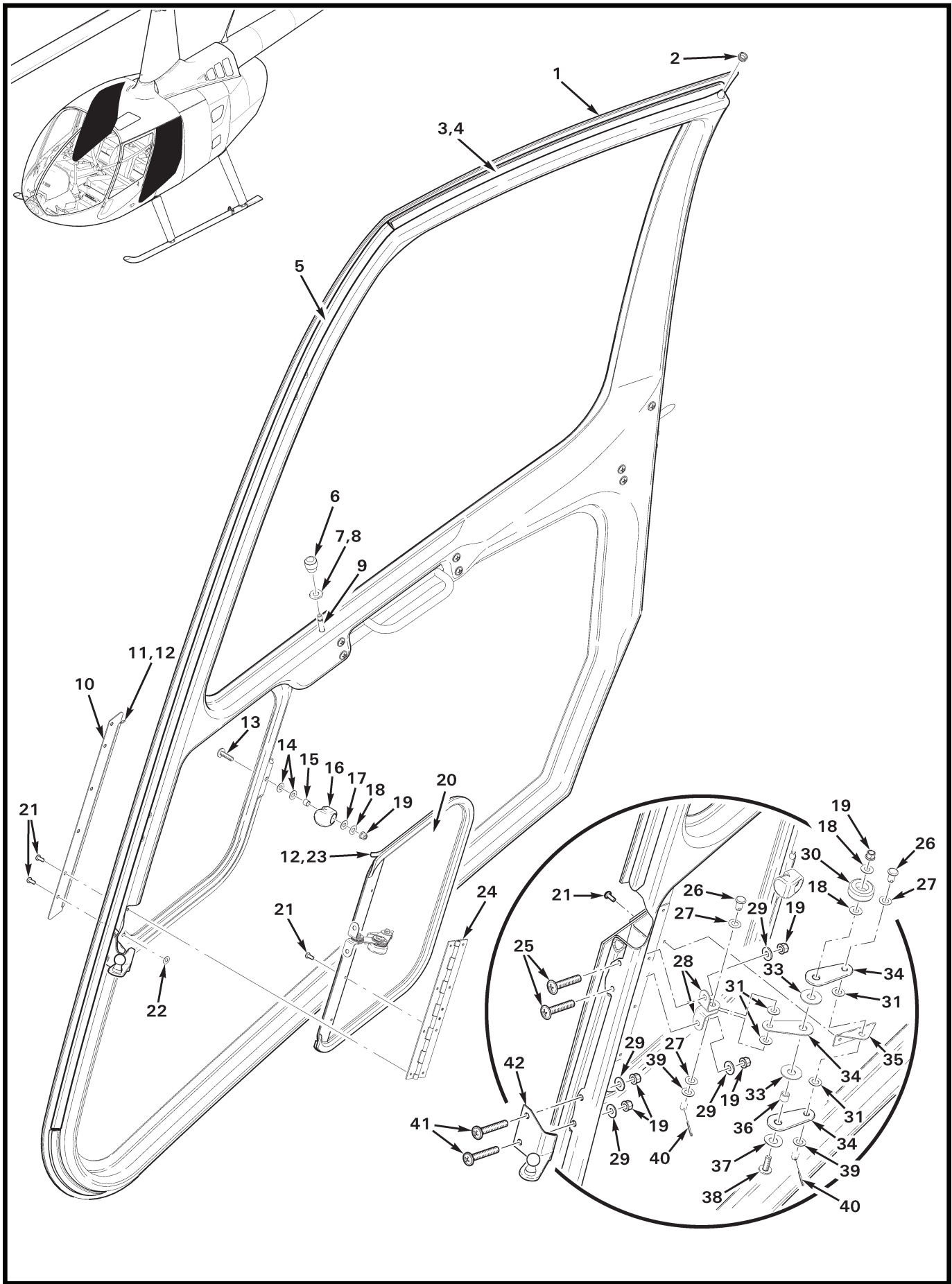
FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FORWARD DOOR INSTALLATION		
52-5-1	MS51861-37C	Screw	X	4
2	F227-4	Hinge Assembly (RH)	X	1
	F227-3	Hinge Assembly (LH, not shown)	X	1
3	MS27039C0807	Screw (if [0 to 1] of item 39 is installed)	X	4
	MS27039C0808	Screw (if [2 to 3] of item 39 is installed)	X	4
	MS27039C0809	Screw (if [4] of item 39 is installed)	X	4
4	B427-1	Ring	X	2
5	C228-4	Hinge Assembly	X	1
6	MS21042L08	Nut	X	4
7	C238	Jamb (Ref)		
8	F227-2	Hinge Assembly (RH)	X	1
	F227-1	Hinge Assembly (LH, not shown)	X	1
9	MS27039C0824	Screw (if [0 to 1] of item 39 is installed)	X	4
	MS27039C0825	Screw (if [2 to 3] of item 39 is installed)	X	4
	MS27039C0826	Screw (if [4] of item 39 is installed)	X	4
10	C228-2	Hinge Assembly	X	2
11	C130-37	Spacer	X	4
12	B340-4	Nut	X	4
13	MS27039C0806	Screw	X	4
14	NAS6604-12	Bolt	X	1
15	NAS1149F0432P	Washer	X	3
16	D573-1	Block Assembly	X	1
17	NAS1149F0363P	Washer	X	3
18	B340-8	Nut	X	2
19	D575-3	Ball Joint	X	1
20	AN315-3R	Nut	X	1
21	D573-4	Rod	X	1
22	D575-2	Ball Joint	X	1
23	MS16562-4	Spring Pin (one pin on item 36)	X	2
24	D573-7	Bumper	X	1
25	B340-10	Nut	X	1
26	D574-10*	Arm Assembly (RH, includes items 23 and 24)	X	1
	D574-9*	Arm Assembly (LH, not shown; includes items 23 and 24)	X	1
27	D575-1	Gas Spring	X	1
28	MS20470AD4	Rivet	X	4

NOTES * Revision F and prior have one bumper hole, Revision G and subsequent have two bumper holes.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FORWARD DOOR INSTALLATION (Cont'd)		
52-5-29	D573-3	Block	X	1
30	C394-2	Ball Stud (install using item 31)	X	1
31	B270-10	Adhesive	X	A/R
32	C119-3	Bumper	X	1
33	B138-2	Spacer	X	1
34	D210-3	Nut	X	1
35	D574-9/-10*	Arm Assembly (Ref, revision F and prior. To replace, order item 26.)		
36	D573-6	Bumper (Ref, earlier ships; no longer available.)		
37	NAS1149F0363P	Washer	X	1
38	B340-8	Nut	X	1
39	C228-7	Shim (install 1 to 4 shims to prevent preloading on doors, [all hinge locations])	X	A/R
NOTES * Revision F and prior have one bumper hole, Revision G and subsequent have two bumper holes.				

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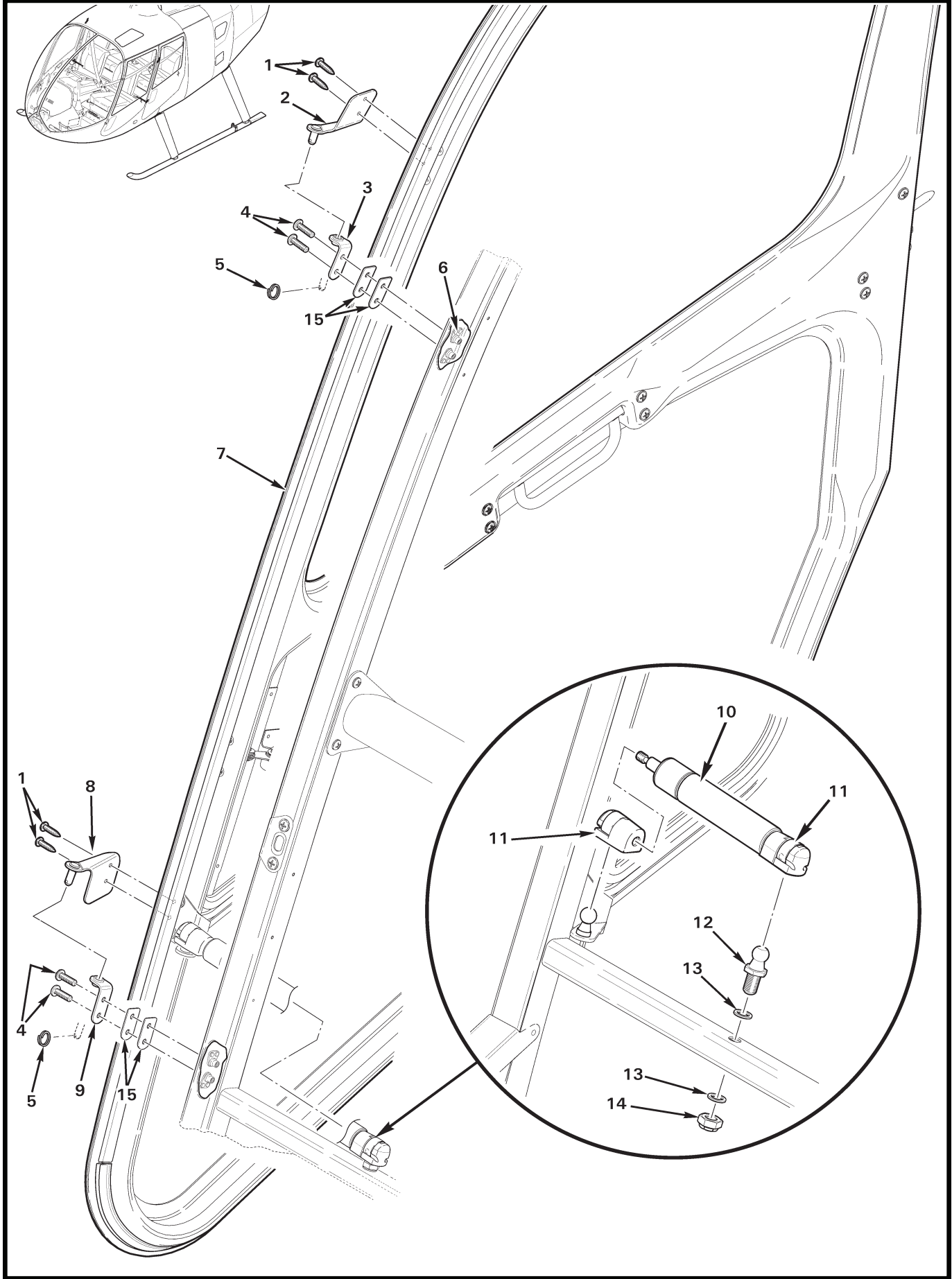


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		AFT DOOR INSTALLATION		
52-11-1	MS51861-37C	Screw	X	4
2	C389-4	Hinge Assembly (RH, upper)	X	1
	C389-3	Hinge Assembly (LH, upper; not shown)	X	1
3	A228-1	Hinge (upper)	X	1
4	MS27039C0809	Screw (if [0 to 1] of item 15 is installed)	X	4
	MS27039C0810	Screw (if [2 to 3] of item 15 is installed)	X	4
	MS27039C0811	Screw (if [4] of item 15 is installed)	X	4
5	B427-1	Ring	X	2
6	MS21086L08	Nutplate (Ref)		
7	C026	Aft Door Assembly (Ref)		
8	C389-10	Hinge Assembly (RH, lower)	X	1
	C389-9	Hinge Assembly (LH, lower; not shown)	X	1
9	A228-2	Hinge (lower)	X	1
10	C394-1	Gas Spring (Incl item 11)	X	1
11	PC1249-2	End Connector	X	2
12	C394-2	Ball Stud	X	1
13	C141-15	Washer	X	2
14	21FKF-518	Nut	X	1
15	C228-7	Shim (install 1 to 4 shims to prevent preloading on doors, [all hinge locations])	X	A/R
NOTES				

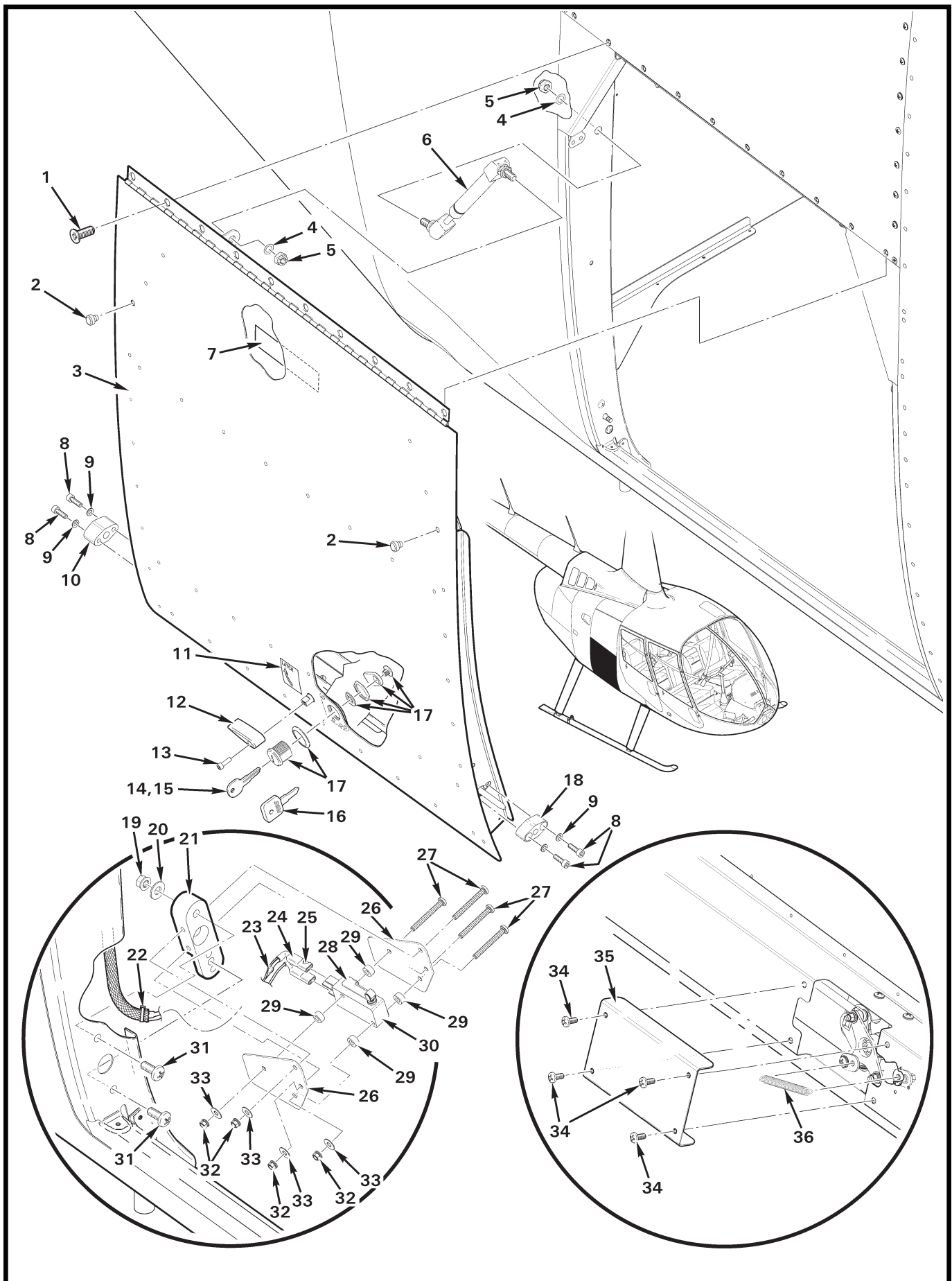


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		BAGGAGE DOOR INSTALLATION		
52-13-1	MS24694-S4	Screw	X	12
2	G405-1	Bumper (black rubber)	X	2
3	G900-1	Door Assembly – Baggage (Incl items 8 thru 9, 12, 13, 17, 18, and 34 thru 36)	X	1
4	NAS1149F0532P	Washer	X	2
5	21FKF-518	Nut	X	2
6	G904-1	Spring Assembly	X	1
7	F654-7	Decal (baggage load limits)	X	1
8	NAS1351-3-10P	Screw	X	4
9	NAS620-10L	Washer	X	4
10	G903-3	Block	X	1
11	F654-8	Decal – “LATCH” (light color ships)	X	1
	F654-9	Decal – “LATCH” (dark color ships)	X	1
12	G902-5	Knob	X	1
13	NAS1352-08-8P	Screw	X	1
14	—	Key (metal)	O	1
15	R8096	Key – Duplicate (metal; specify ship S/N and “PK” numbers when ordering)	X	1
16	D768-4	Key (blank; black plastic-coated “R66” logo)	X	1
17	A556-1	Lock Set (set of two; includes item 14[4])	X	1
18	G903-4	Block	X	1
19	MS21042L3	Nut	X	1
20	NAS1149F0332P	Washer	X	1
21	G903-1	Block Assembly	X	1
22	MS3367-5-9	Ty-Rap	X	1
23	1N4005G	Diode	X	1
	B261-2	Splice (not shown)	X	1
	B158-103	Heat Shrink	X	A/R
24	B158-3	Heat Shrink	X	A/R
25	B262-2	Receptacle	X	2
26	G903-7	Bracket	X	2
27	MS35206-227	Screw	X	4
28	JV-5	Actuator	X	1
29	A130-14	Spacer	X	4
30	D2VW-5L3-1HS	Switch	X	1
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		BAGGAGE DOOR INSTALLATION (Cont'd)		
52-13-31	MS27039C1-07	Screw	X	2
32	MS21042L04	Nut	X	4
33	NAS1149FN416P	Washer	X	4
34	MS27039C0806	Screw	X	4
35	G906-2	Cover	X	1
36	B774-5	Spring	X	1
		* * *		
37	KI-207*	R66 Baggage Door Seals Kit (see R66 SL-02)	X	A/R
NOTES * See www.robinsonheli.com for kit contents and instructions.				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		WINDSHIELD INSTALLATION – STANDARD (ACRYLIC)		
52-17-1	AN526C832R9	Screw (do not substitute MS27039 screws)	X	8
2	B409-5	Gusset	X	1
3	F238-4	Retainer (apply item 29 to edges)	X	1
4	MS21042L08	Nut	X	94
5	AN526C832R12	Screw (do not substitute MS27039 screws)	X	22
6	F367-12	Stiffener	X	1
7	F367-10	Retainer	X	1
8	F274-2*	Windshield** (Acrylic; RH, clear)	X	1
	F274-4*	Windshield** (Acrylic; RH, tinted)	X	1
9	F274-1*	Windshield** (Acrylic; LH, clear)	X	1
	F274-3*	Windshield** (Acrylic; LH, tinted)	X	1
10	C366-8	Retainer	X	1
11	C366-5	Bracket	X	1
12	MS27039C0810	Screw	X	2
13	MS27039C0808	Screw	X	2
14	F367-6*	Retainer (RH)	X	1
15	F367-8*	Retainer (RH)	X	1
16	F367-7*	Retainer (LH)	X	1
17	F367-5*	Retainer (LH)	X	1
18	NAS1149FN832P	Washer	X	4
19	MS20470AD4	Rivet	X	26
20	C367-11	Tape	X	A/R
21	C238-27*	Retainer (LH)	X	1
	C238-28*	Retainer (RH; not shown)	X	1
22	F230-8	Rain Gutter (RH; apply item 29 to edges)	X	1
	F230-7	Rain Gutter (LH; apply item 29 to edges)	X	1
23	B270-13.100Z	Sealant (10.3 oz. cartridge)	X	A/R
24	NAS1149FN832P	Washer	X	A/R
25	NAS620-5	Washer	X	A/R
26	NAS9301B-4-02	Rivet (blind)	X	5
27	AN526C832R8	Screw	X	82
28	D805-2	Restraint (LH and RH. Use item 29 to fill gap between items 22, 28, and 31.)	X	2
29	B270-1	Sealant (2-oz tube)	X	A/R
30	C273-3	Window (clear acrylic)	X	1
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		WINDSHIELD INSTALLATION – STANDARD (ACRYLIC) (Cont'd)		
52-17-31	F273-1	Roof (Incl item 30)	X	1
32	F090-5	Bow Assembly (includes wires)	X	1
33	F087-2	Frame (forward; roof)	X	1
34	C211-3	Gusset (LH and RH)	X	2
35	C238-4	Door Jamb – RH (attach to cabin using items 19, 39, 42, and 43)	X	1
36	C238-3	Door Jamb – LH (attach to cabin using items 19, 39, 42, and 43)	X	1
37	C238-34	Spacer (LH and RH, 0.125 in. thick polycarbonate. Attach to items 35 and 36 using item 39.)	X	2
38	D661-1	Spacer (LH and RH, 0.125 in. thick polycarbonate. Attach to items 35 and 36 using item 39.)	X	2
39	MS20426AD3	Rivet (flush)	X	56
40	F367-2	Retainer (RH)	X	1
41	F090-2	Frame (RH; attach with item 40 to chin [item 46] using item 39)	X	1
42	MS20470AD3	Rivet (flush)	X	8
43	A414-1	Angle (LH)	X	1
	A414-2	Angle (RH; not shown)	X	1
44	F090-1	Frame (LH; attach with item 40 to chin [item 46] using item 39)	X	1
45	F367-1	Retainer (LH)	X	1
46	F272-1	Chin	X	1
47	NAS9301B-4-03	Rivet (blind)	X	2
48	C366-6	Cap	X	1
49	NAS9301B-4-02	Rivet (blind; or NAS9301B-4-03 as required)	X	4
50	F367-9	Retainer	X	1
51	B295-1	Clip (install 10th hole from bottom).	X	1
52	—	Yaw String (Ref; yarn, white acrylic, source locally. 0.10- inch dia., 3-inch length each side of clip.)		
NOTES				

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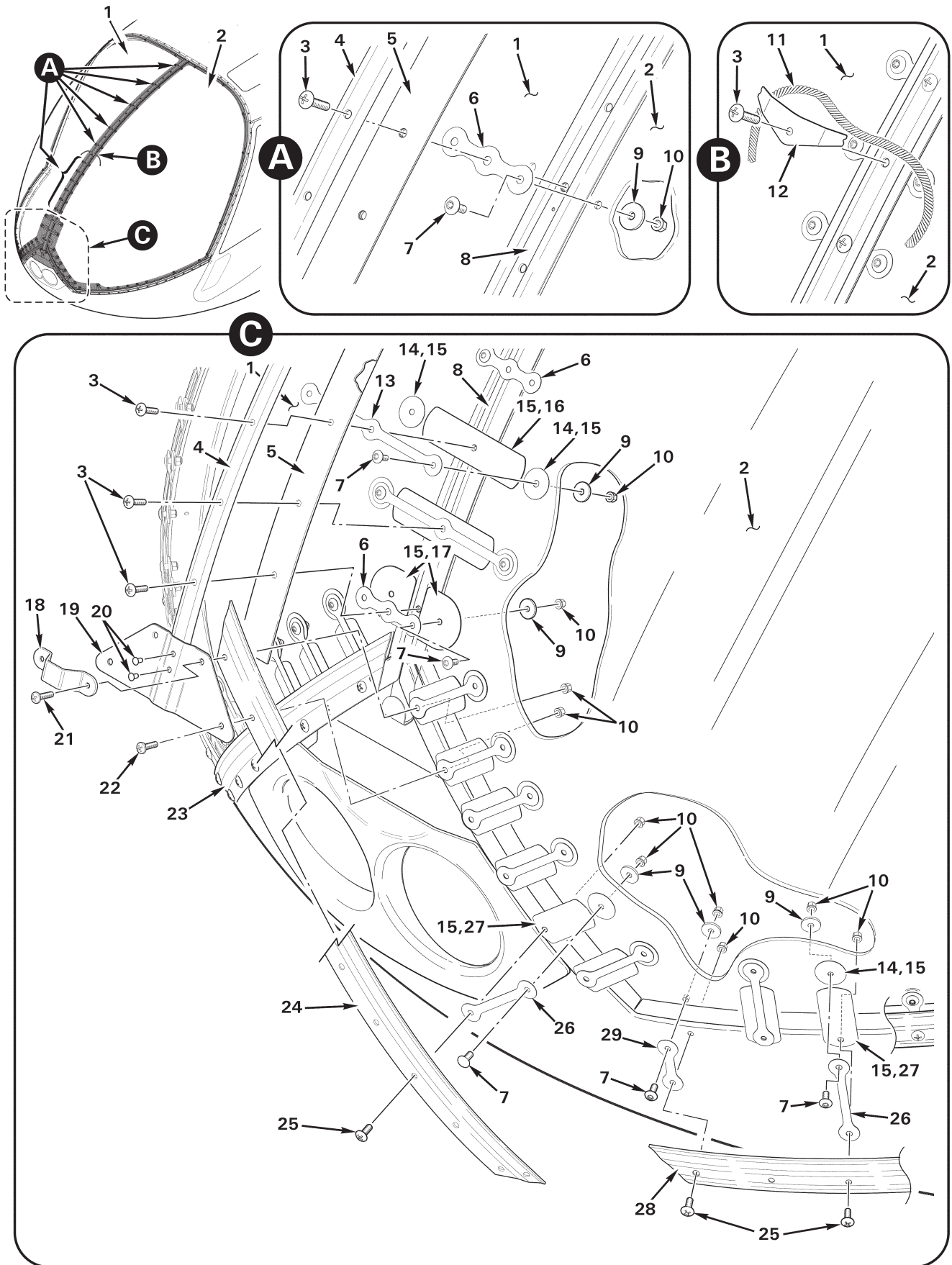


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		WINDSHIELD INSTALLATION – IMPACT-RESISTANT (POLYCARBONATE)		
52-21-1	F274-6*	Windshield** (Polycarbonate; RH, clear)	X	1
	F274-8*	Windshield** (Polycarbonate; RH, tinted)	X	1
2	F274-5*	Windshield** (Polycarbonate; LH, clear)	X	1
	F274-7*	Windshield** (Polycarbonate; LH, tinted)	X	1
3	AN526C832R12	Screw (do not substitute MS27039 screws)	X	23
4	F467-12***	Stiffener (Ref)		
5	F367-10***	Retainer (Ref)		
6	G367-2	Tie	X	12
7	B526-6	Screw (do not substitute MS27039 screws)	X	74
8	F367-9***	Retainer (Ref)		
9	C141-25	Washer	X	74
10	MS21042L08	Nut	X	74
11	—	Yaw String (Ref; yarn, white acrylic, source locally. 0.10- inch dia., 3-inch length each side of clip.)		
12	B295-2	Clip (install 10th screw from bottom)	X	1
13	G367-11	Tie	X	2
14	G367-15*	Pad	X	20
15	B270-26	Sealant	X	A/R
16	G367-13*	Tab	X	2
17	G367-14*	Pad	X	2
18	C366-5***	Bracket (Ref)		
19	C366-8***	Retainer (Ref)		
20	MS20470AD4***	Rivet (Ref)		
21	MS27039C0810***	Screw (Ref)		
22	MS27039C0809	Screw	X	2
23	F367-8***	Retainer (Ref)		
24	F367-7***	Retainer (Ref)		
25	AN526C832R8	Screw (Ref)		
26	G367-10	Strap	X	16
27	G367-12*	Tab	X	16
28	F367-5***	Retainer (LH, Ref)		
	F367-6***	Retainer (RH, Ref)		
29	G367-1	Strap	X	30
NOTES * Install using item 15. ** See Figure 99-11 for shipping box. *** See Figure 52-17.				

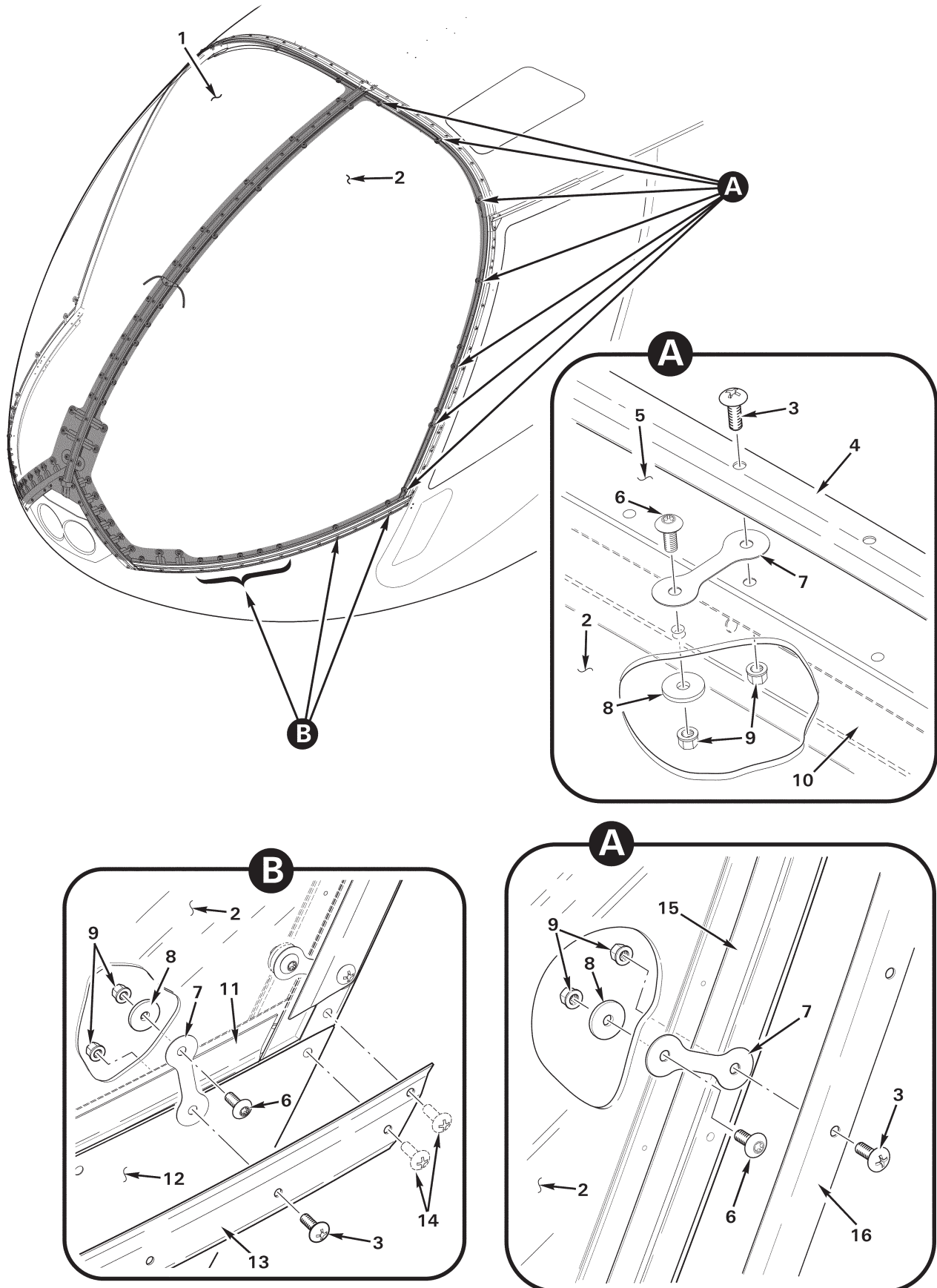


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
52-23-1		WINDSHIELD INSTALLATION – IMPACT-RESISTANT (POLYCARBONATE)		
	F274-6	Windshield (Ref*; Polycarbonate; RH, clear)		
	F274-8	Windshield (Ref*; Polycarbonate; RH, tinted)		
	2 F274-5	Windshield (Ref*; Polycarbonate; LH, clear)		
	F274-7	Windshield (Ref*; Polycarbonate; LH, tinted)		
	3 AN526C832R8	Screw (do not substitute MS27039 screws)	X	60
	4 F238-4	Retainer (Ref**)		
	5 F273-1	Roof (Ref**)		
	6 B526-6	Screw (do not substitute MS27039 screws)	X	30
	7 G367-1	Strap	X	30
	8 C141-25	Washer	X	30
	9 MS21042L08	Nut	X	60
	10 F087-2	Frame (forward, roof; Ref**)		
	11 F367-1	Retainer (LH, Ref**)		
	F367-2	Retainer (RH, not shown; Ref**)		
	12 F272-1	Chin (Ref**)		
	13 F367-5	Retainer (LH, Ref**)		
	F367-6	Retainer (LH, not shown; Ref**)		
	14 AN526832R9	Screw (Ref**)		
	15 C238-3	Door Jamb (LH, Ref**)		
	16 C238-27	Retainer (LH, Ref**)		
	C238-28	Retainer (RH, not shown; Ref**)		
NOTES * See Figure 52-21. ** See Figure 52-17.				

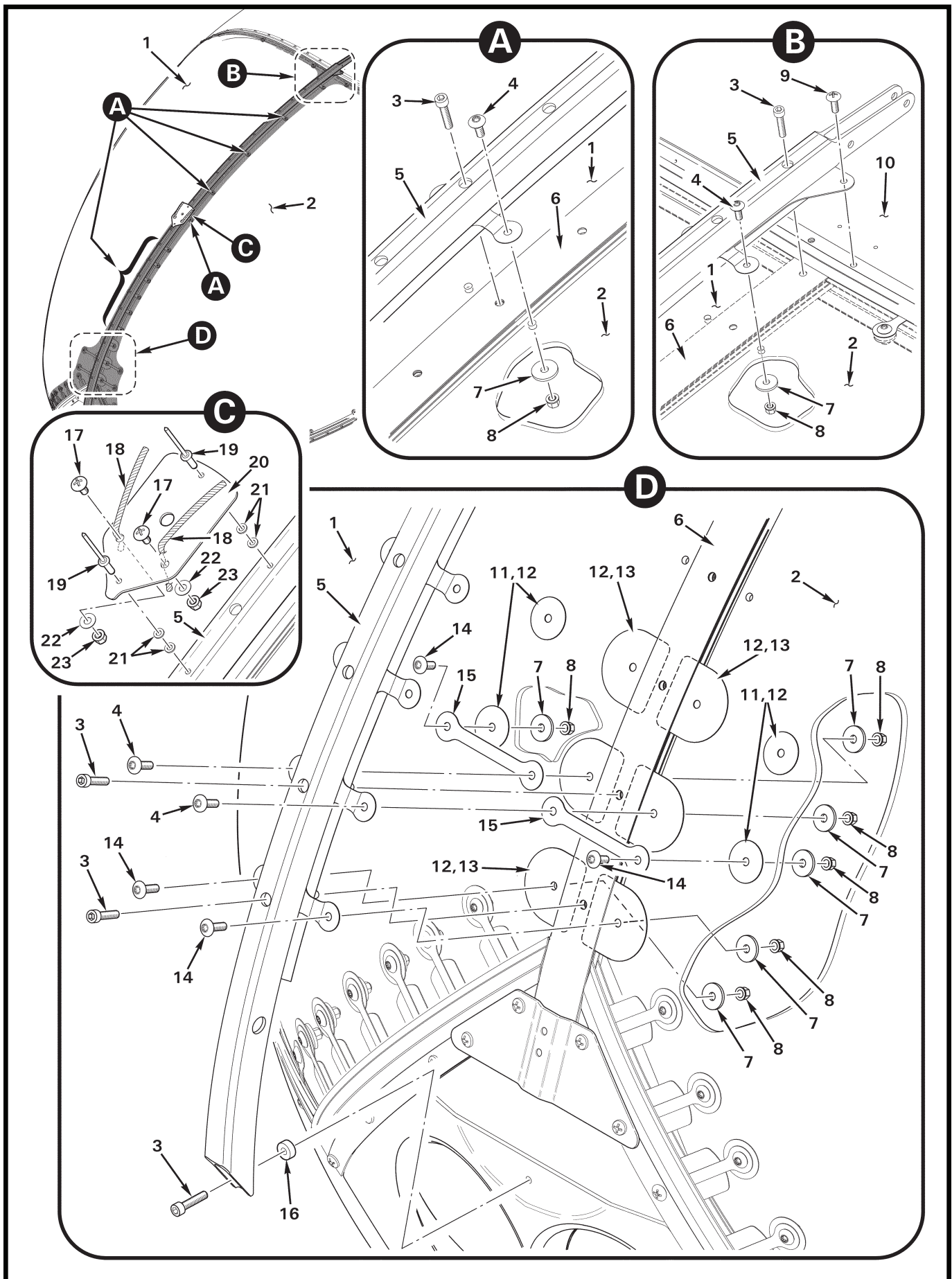
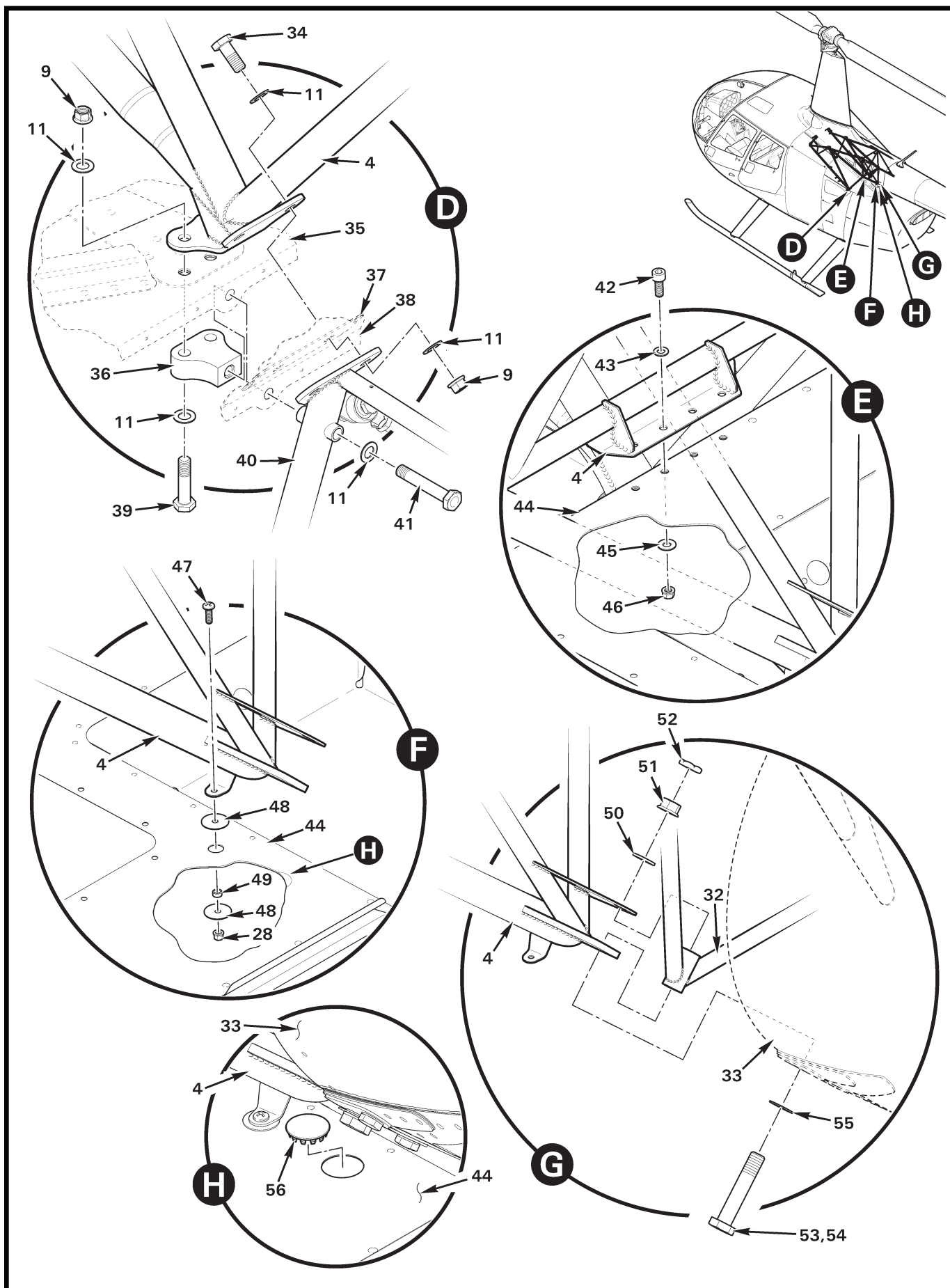


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		WINDSHIELD INSTALLATION – IMPACT-RESISTANT (POLYCARBONATE) WITH WIRE STRIKE PROVISIONS		
52-25-1	F274-6	Windshield (Ref*; Polycarbonate; RH, clear)		
	F274-8	Windshield (Ref*; Polycarbonate; RH, tinted)		
2	F274-5	Windshield (Ref*; Polycarbonate; LH, clear)		
	F274-7	Windshield (Ref*; Polycarbonate; LH, tinted)		
3	NAS1352-08-12P	Screw	X	24
4	B526-8	Screw (do not substitute MS27039 screws)	X	4
5	G933-2	Bow Assembly	X	1
6	G935-2	Retainer (replaces F367-10 retainer)	X	1
7	C141-25	Washer	X	78
8	MS21042L08	Nut	X	78
9	AN526C832R9	Screw (Ref**)		
10	F273-1	Roof (Ref**)		
11	G367-15	Pad (install using item 12)	X	4
12	B270-26	Adhesive	X	A/R
13	G367-14	Pad (install using item 12)	X	6
14	B526-6	Screw (do not substitute MS27039 screws)	X	74
15	G367-10	Strap	X	20
16	A130-37	Spacer	X	1
17	AN526C832R6	Screw	X	2
18	–	Yaw String (Ref; yarn, white acrylic, 0.10-inch dia., source locally. 1.9-inches length from screw [each side], 0.06 inch max beyond washer; trim as required.)		
19	B204-2	Rivet (blind)	X	2
20	G935-7	Plate (install at 11th screw from bottom).	X	1
21	NAS620-5	Washer ([2] with each item 18 between item 17 and item 5)	X	4
22	NAS1149FN816P	Washer	X	2
23	MS21042L08	Nut	X	2
NOTES * See Figure 52-21. ** See Figure 52-17.				

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FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		UPPER FRAME ASSEMBLY		
53-13-1	F235-13	Strut Assembly	X	2
2	G201-1	Frame Weldment (hydraulic support; Ref)		
3	F006-1	Main Rotor Gearbox Assembly (Ref; see Figure 63-3)		
4	F020-1	Frame Weldment (upper frame assembly)	X	1
5	NAS6606-1	Bolt	X	2
6	NAS1149F0632P	Washer	X	8
7	F252-1	Strut	X	1
8	MS21042L6	Nut	X	3
9	MS21042L5	Nut	X	2
10	NAS1149F0563P	Washer	X	10
11	NAS1149F0532P	Washer	X	22
12	NAS6605-17	Bolt	X	2
13	MS21042L4	Nut	X	2
14	NAS1149F0463P	Washer	X	2
15	G258-2	Bracket	X	1
16	NAS1149F0432P	Washer	X	6
17	NAS6604-3	Bolt	X	6
18	F236-1	Scroll Assembly (Ref)		
19	NAS6606-36	Bolt	X	1
20	NAS1149F0663P	Washer	X	1
21	C141-16	Washer	X	1
22	505281-1	Guide (seat belt, Ref)		
23	F374-7	Spacer	X	1
24	F560-1	Cabin Bulkhead Assembly (LH, Ref)		
25	NAS6606-3	Bolt	X	3
26	F231-1	Stiffener (Ref)		
27	F231-7	Stiffener (Ref)		
28	MS21042L08	Nut	X	6
29	NAS1149FN816P	Washer	X	4
30	MS27039C0806	Screw	X	12
31	F231-8	Brace	X	2
32	F237-1	Frame Weldment (see Figure 53-13B)	X	1
33	C023-21	Tailcone Assembly (Ref)		
34	NAS6605-5	Bolt	X	4
35	G023-1	Ceiling Assembly – Baggage Compartment (Ref)		
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
UPPER FRAME ASSEMBLY (Cont'd)				
53-13-36	F574-10	Block Assembly	X	2
37	F384-1	Doubler (Ref)		
38	F234-1	Firewall (Ref)		
39	NAS6605-14	Bolt	X	4
40	F046-1	Frame Weldment – Lower Frame (LH, Ref)		
41	NAS6605-22	Bolt	X	2
42	NAS1351-3-8P	Screw	X	4
43	NAS620-10L	Washer	X	4
44	G234-1	Firewall (Ref)		
45	NAS1149F0332P	Washer	X	4
46	MS21042L3	Nut	X	4
47	MS27039C0808	Screw	X	2
48	C141-22	Washer	X	4
49	C130-33	Spacer	X	2
50	C141-4	Washer	X	4
51	D210-7	Nut	X	4
52	B330-21	Palnut	X	4
53	NAS6607-25	Bolt (this location only)	X	1
54	NAS6607-24	Bolt	X	3
55	NAS1149F0732P	Washer	X	4
56	B209-9	Plug (RH side not shown)	X	2
NOTES				



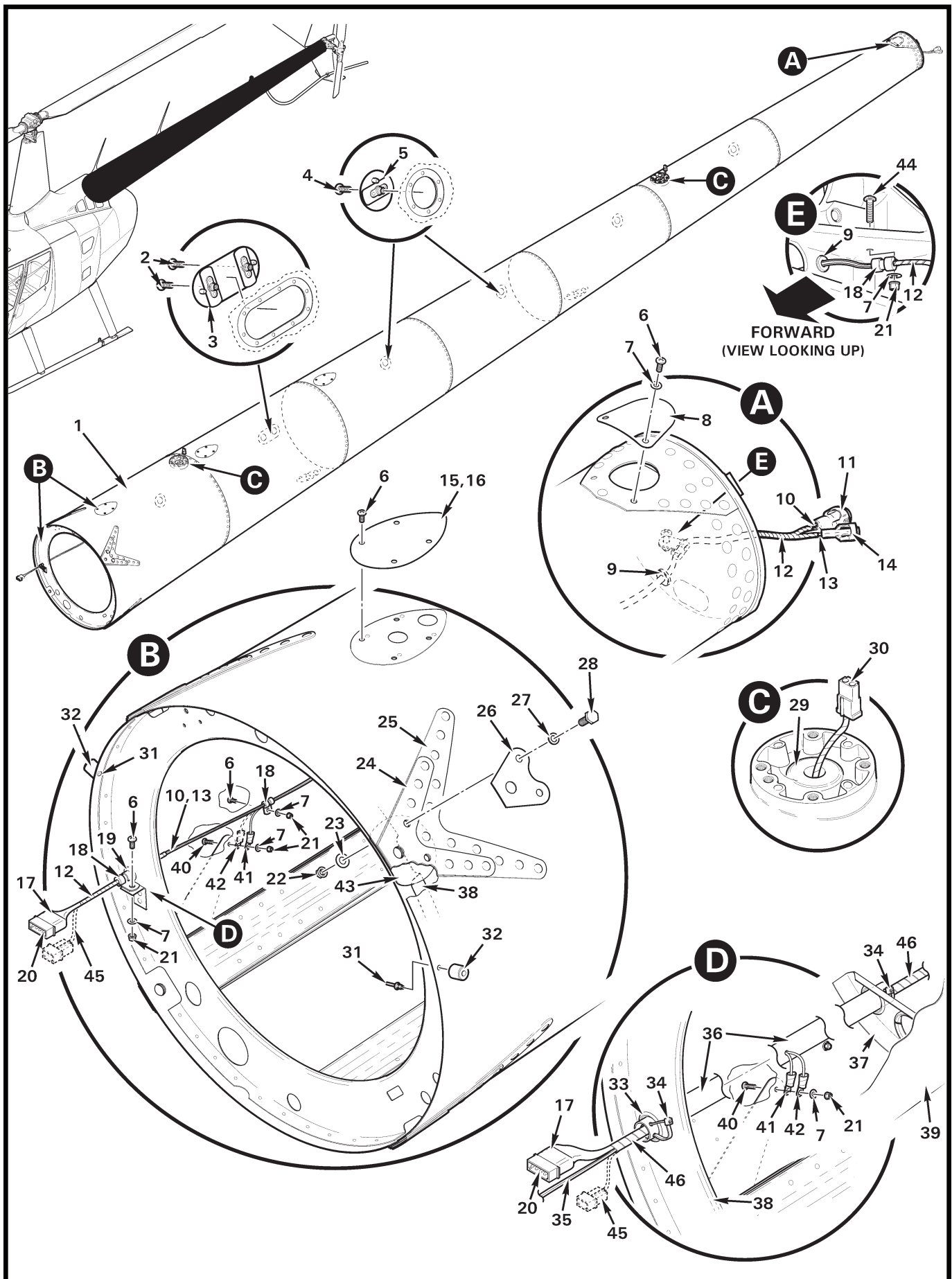


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		MAIN ROTOR BLADE ASSEMBLY*		
62-1-1	C005-13	Main Rotor Blade and Spindle Assembly – Extended Tab (Incl items 2 thru 4, 15 thru 18, 24, and 25)	X	2
	C005-13R	Main Rotor Blade and Spindle Assembly (Two blade set, overhaul exchange; R9648 core deposit req'd. Includes shipping crate.)	X	1
	F016-2**	Blade Assembly	O	1
2	C253-2	Spacer	O	2
3	NAS1149F0563P	Washer	X	16
4	D210-5	Nut	X	16
5	C298-4	Balance Strip (0.125 in. thick steel)	X	A/R
6	C298-2	Balance Strip (0.040 in. thick steel)	X	A/R
7	C298-3	Balance Strip (0.032 in. thick steel)	X	A/R
8	NAS1149F0332P	Washer (or NAS1149F0363P A/R for balance)	X	A/R
9	A722-4	Screw (installed wet using item 26; see MM for special torque)	X	2
10	F300-1	Tip Cover (round)	X	1
11	NAS1351N3-12P	Screw (installed wet using item 26; see MM for special torque)	X	2
12	C165-2	Clamp Assembly (Incl items 21 and 22)	X	1
13	C156-1	Boot (standard, black)	X	1
	C156-2	Boot (optional for sub-freezing operations, gray)	X	1
14	C165-1	Clamp Assembly (Incl items 21 and 22)	X	1
15	C722-1	Screw	O	16
16	NAS1149F0563P	Washer	X	16
17	B270-1	Sealant (2-oz. tube)	X	A/R
18	B289-2	Bolt (Incl items 19 and 20)	X	2
19	—	Washer	O	2
20	A215-902	O-Ring	X	1
21	MS21042L08	Nut	X	2
22	NAS1352-08-12P	Screw	X	2
23	C158-1	Spindle (Ref)		
24	C005-14	Spindle Assembly (Incl items 12 thru 14, and 23)	O	1
25	A257-4	Oil (to fill blade housing)	X	A/R
26	A257-9	Anti-seize	X	A/R

NOTES * See Figure 99-21 for shipping crate.

** Critical part; see R66 MM § 1-60.

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		MAIN ROTOR GEARBOX – OIL SYSTEM		
63-13-1	MS28778-6	Packing (o-ring)	X	1
2	AN815-6D	Union	X	1
3	D205-19	Hose Assembly	X	1
4	D319-2	Fitting	X	1
5	D205-20	Hose Assembly	X	1
6	F006-1	Main Rotor Gearbox Assembly (Ref; see Figure 63-3)		
7	MS21042L08	Nut	X	1
8	NAS1149FN816P	Washer	X	1
9	G233-1	Panel (Ref)		
10	MS21919WDG6	Clamp	X	2
11	MS27039C0807	Screw	X	1
12	MS20995C32	0.032 in. dia Safety Wire	X	A/R
13	F651-1	Oil Filter (Incl head assembly, bowl assembly, and items 14 and 15)	X	1
	1742161-10*	Head Assembly	O	1
	1740839*	Bowl Assembly	O	1
14	F651-3	Seal Kit (includes o-ring and backup ring)	X	1
15	F651-2	Filter Element	X	1
16	NAS1149F0332P	Washer	X	3
17	AN3-32A	Bolt	X	1
18	NAS6603-25	Bolt	X	2
19	F020-1	Frame Weldment (Ref)		
20	NAS1149F0363P	Washer	X	3
21	MS21042L3	Nut	X	3
22	F724-1	Line Assembly	X	1
23	F823-1	Thermostat Assembly	X	1
24	MS20002-9	Washer ([4] max at each of [2] unions)	X	A/R
25	F234-1	Firewall (Ref)		
26	AN924-8D	Nut	X	2
27	F274-2	Line Assembly	X	1
28	F724-3	Line Assembly	X	1
29	C649-4	Oil Cooler (main rotor gearbox, Ref)		
30	A880-666	Elbow (install using item 31)	X	2
31	B270-6	Sealant	X	A/R

NOTES * Purolator Facet Inc. part number.

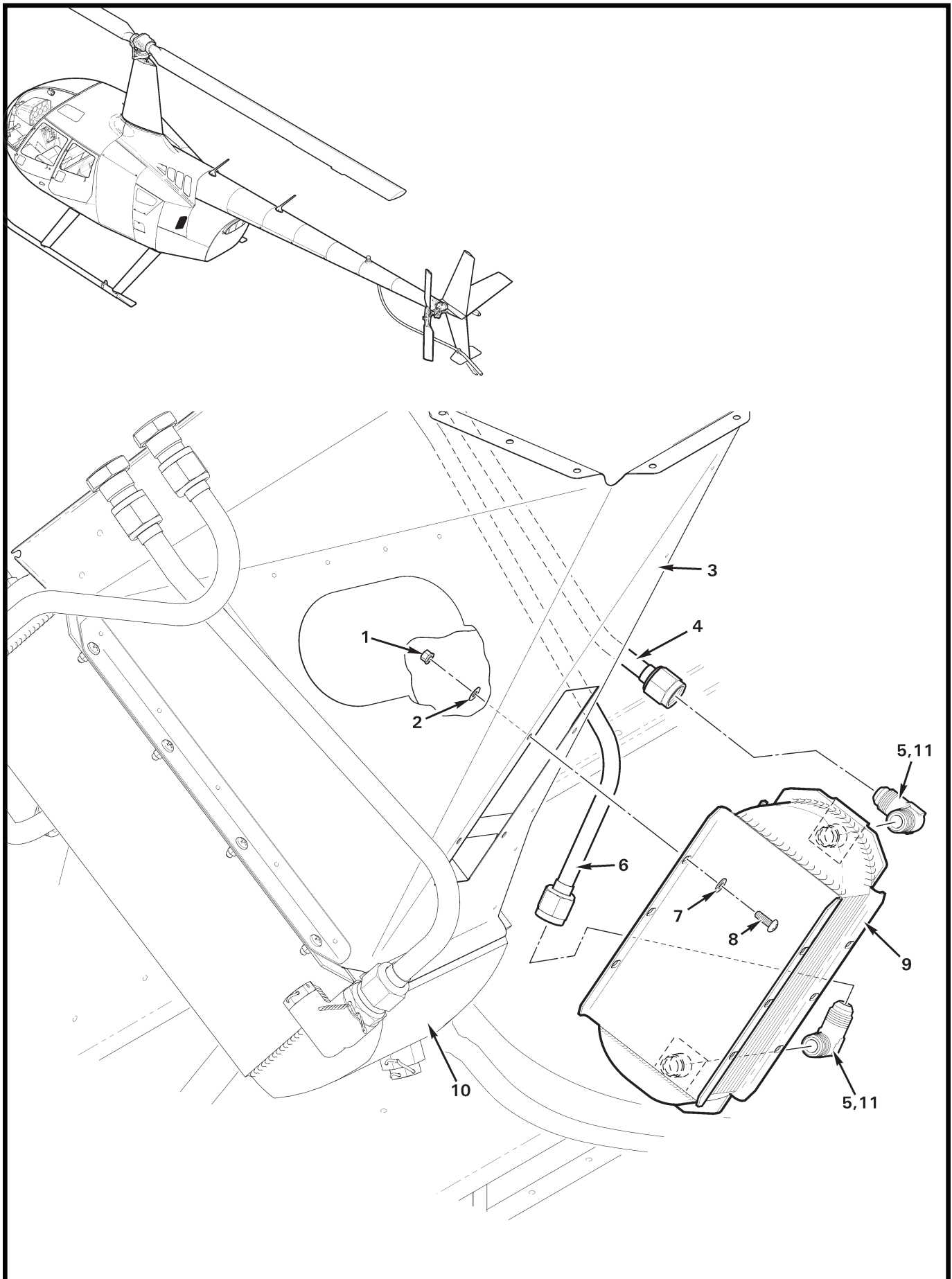


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		MAIN ROTOR GEARBOX – OIL COOLER INSTALLATION		
63-15-1	MS21042L08	Nut	X	4
2	NAS1149FN816P	Washer	X	4
3	F309-1	Box Assembly (Ref)		
4	F724-3	Line Assembly (Ref)		
5	A880-666	Elbow (install using item 11)	X	2
6	F724-2	Line Assembly (Ref)		
7	NAS1149FN832P	Washer	X	4
8	MS27039C0806	Screw	X	4
9	C649-4	Oil Cooler (main rotor gearbox)	X	1
10	F649-1	Oil Cooler (Ref, engine)		
11	B270-6	Sealant	X	A/R
NOTES				

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CHAPTER 64

TAIL ROTOR

<i>Figure</i>	<i>Title</i>	<i>Page</i>
64-1	Tail Rotor Assembly	64.0

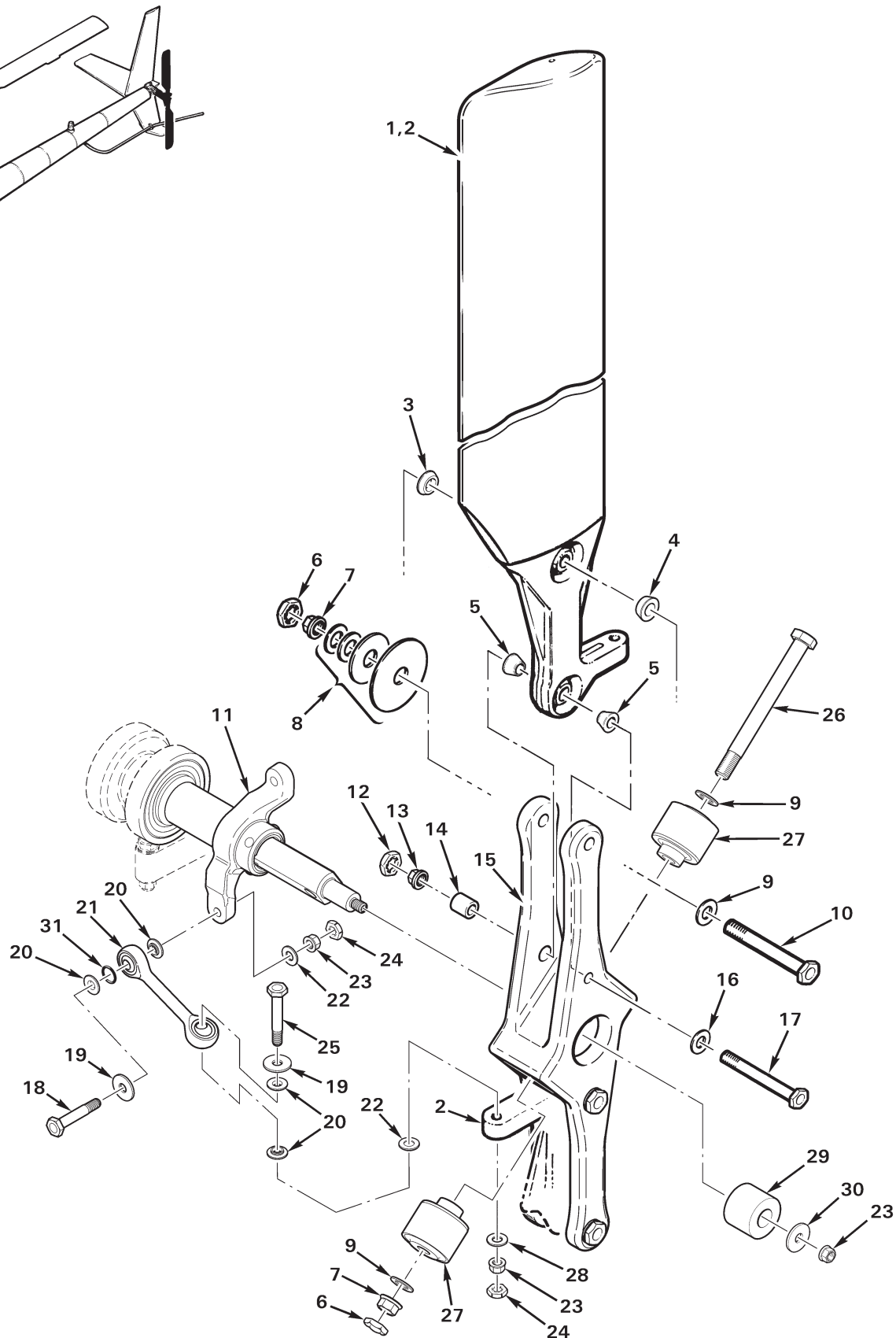


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		TAIL ROTOR ASSEMBLY		
64-1-1	C008-10	Tail Rotor Assembly (Incl items 2, 3 thru 10, 12 thru 17, 24, 25, 28, and 31)	X	1
2	F029-1	Blade Assembly (critical part; see R66 MM § 1-60)	X	2
3	F137-1	Spacer	X	2
4	F137-2	Spacer	X	2
5	C137-1	Spacer	X	4
6	B330-19	Palnut	X	3
7	D210-6	Nut	X	3
8	NAS1149F0663P	Washer (or NAS1149F0632P, NAS1149D0632J, NAS1149D0663J, C141-23, or C141-24; any combination as required for balance; [4] required)	X	4
9	NAS1149F0632P	Washer	X	4
10	NAS6606-36	Bolt	X	2
11	C031-1	Pitch Control Assembly (Ref, see also Figure 65-9)		
12	B330-16	Palnut	X	2
13	D210-5	Nut	X	2
14	C138-2	Bushing	X	2
15	G062-1	Hub Assembly (Incl items 6 [1], 7 [1], 9, 26, and 27)	X	1
	G062-2	Hub	O	1
16	NAS1149F0532P	Washer	X	2
17	NAS6605-33	Bolt	X	2
18	NAS6604-16	Bolt	X	2
19	A214-3	Washer (under head)	X	4
20	A115-1	Spacer	X	8
21	B345-4**	Link	X	2
22	NAS1149F0432P	Washer	X	4
23	D210-4	Nut	X	5
24	B330-13	Palnut	X	4
25	NAS6604-17 to -22	Bolt (increase length to add washer weights)	X	2
26	NAS6606-53	Bolt	X	1
27	B361-2*	Bearing	X	2
28	NAS1149F0463P	Washer (or NAS1149F0432P, A141-14, NAS1149D0463J, NAS1149D0432J, or A214-3 as required for balance [1] min)	X	A/R
29	C119-2	Bumper (black)	X	1
30	A141-14	Washer	X	1
31	A215-012	O-ring (optional)	X	2
NOTES * MT556 tools required to install bearing. See MM Chapters 64 and 99. ** B345-4 tail rotor pitch link shaft can be different diameters (0.250 in. or 0.300 in.). Balance tail rotor per R66 MM § 18-20 if a different diameter pitch link is installed.				
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FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		TAIL ROTOR DRIVE FAN SHAFT, FANWHEEL, & FLEX PLATE INSTALLATION		
65-1-1	F196-1	Tail Rotor Drive Shaft Weldment – Fan	X	1
2	D210-3	Nut	X	4
3	NAS1149F0332P	Washer	X	8
4	G174-1	Fanwheel Assembly	X	1
5	NAS6603-3	Bolt	X	4
6	C947-3	Flex Plate Assembly	X	2
7	NAS6604-6	Bolt	X	4
8	NAS1149F0432P*	Washer	X	12
9	NAS1149F0463P*	Washer	X	6
10	D210-4	Nut	X	6
11	B330-13	Palnut	X	6
12	NAS6604-5	Bolt	X	2
13	D224-4	Shaft Assembly (Ref, see Figure 65-3)		
14	F908-1	Yoke (Ref, see Figure 63-3)		
15	F006-1	Main Rotor Gearbox Assembly (Ref, see Figure 63-3)		
NOTES * See R66 MM Chapter 65 for shimming procedure.				

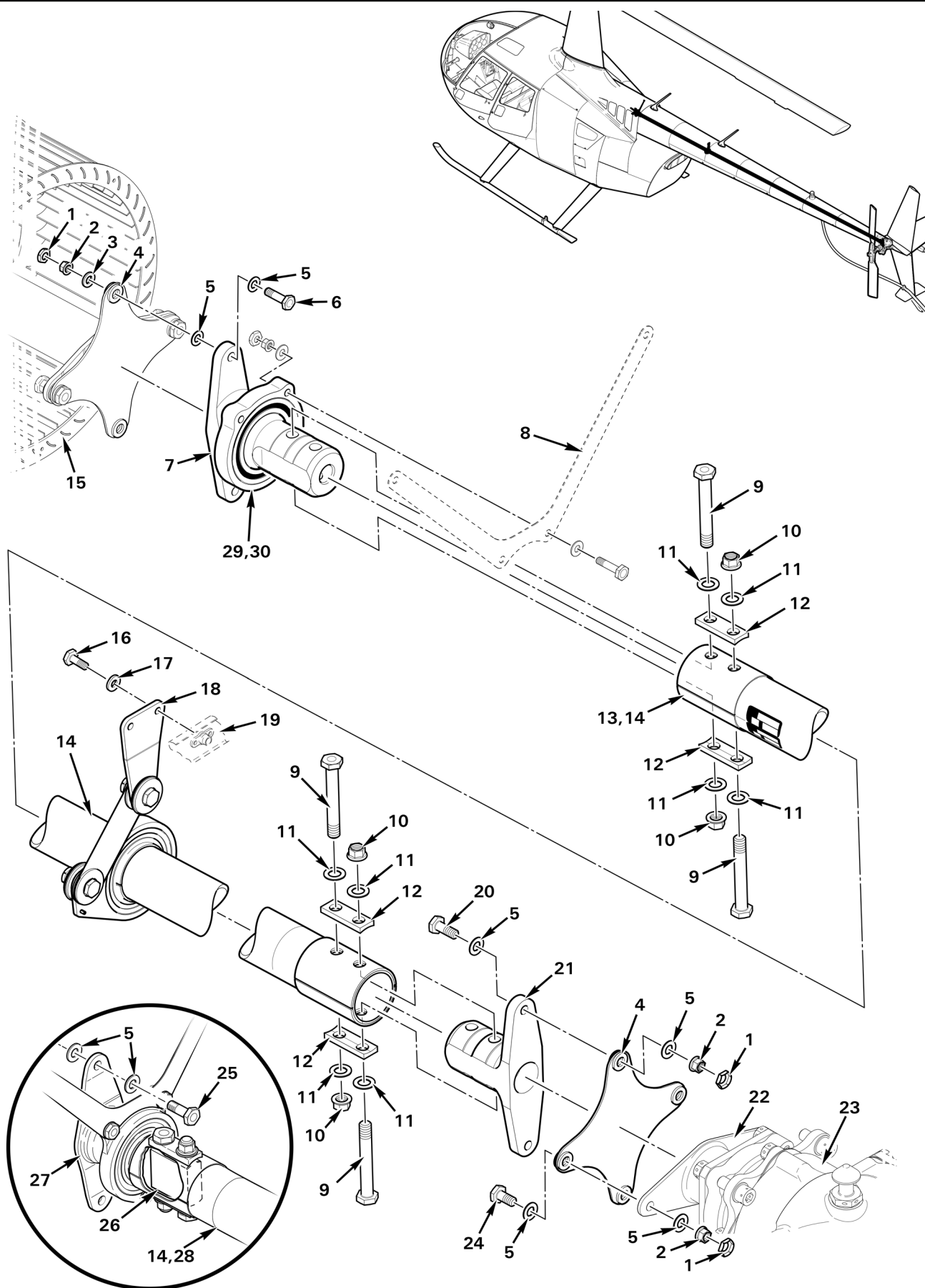


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		TAIL ROTOR DRIVE SHAFT ASSEMBLY & FLEX PLATE INSTALLATION		
65-3-1	B330-13	Palnut	X	6
2	D210-4	Nut	X	6
3	NAS1149F0463P	Washer	X	2
4	C947-3	Flex Plate Assembly	X	2
5	NAS1149F0432P	Washer	X	12
6	NAS6604-8	Bolt	X	2
7	D224-5	Yoke Assembly (Incl items 29 and 30).	X	1
8	F193-2	Hangar (Ref; see Figure 65-5)		
9	NAS6605-28	Bolt	X	4
10	D210-5	Nut	X	4
11	NAS1149F0532P	Washer	X	8
12	C191-7	Block	X	4
13	D224-4	Shaft Assembly (Incl items 7 thru 12, 14, 18 and 21)	X	1
14	D196-1	Shaft Assembly	X	1
15	G174-1	Fanwheel Assembly (Ref; see Figure 65-1)		
16	NAS6603-3	Bolt	X	4
17	NAS1149F0363P	Washer	X	4
18	C041-12	Damper Assembly (Ref; see Figure 65-7)		
19	D072-1	Bulkhead Assembly – Tailcone (Ref)		
20	NAS6604-7	Bolt	X	2
21	D195-2	Yoke	X	1
22	C116-1	Yoke (Ref; see Figure 65-13)		
23	C021-1	Tail Rotor Gearbox Assembly (Ref; see Figure 65-9)		
24	NAS6604-4	Bolt	X	2
25	NAS6604-5	Bolt	X	2
26	A553-3*	Block	X	1
27	F195-1*	Yoke (remove from service per AD 2021-04-12).	O	1
28	D224-3*	Shaft Assembly (Ref; includes items 14, 25, 27, F193-1* hangar, and F172-1* bearing assembly)		
29	D224-6	Bearing Assembly (includes item 30; Ref, see Figure 65-5)		
30	C647-8	Bearing (Ref; see Figure 65-5)		
NOTES * Earlier R66s, no longer available.				

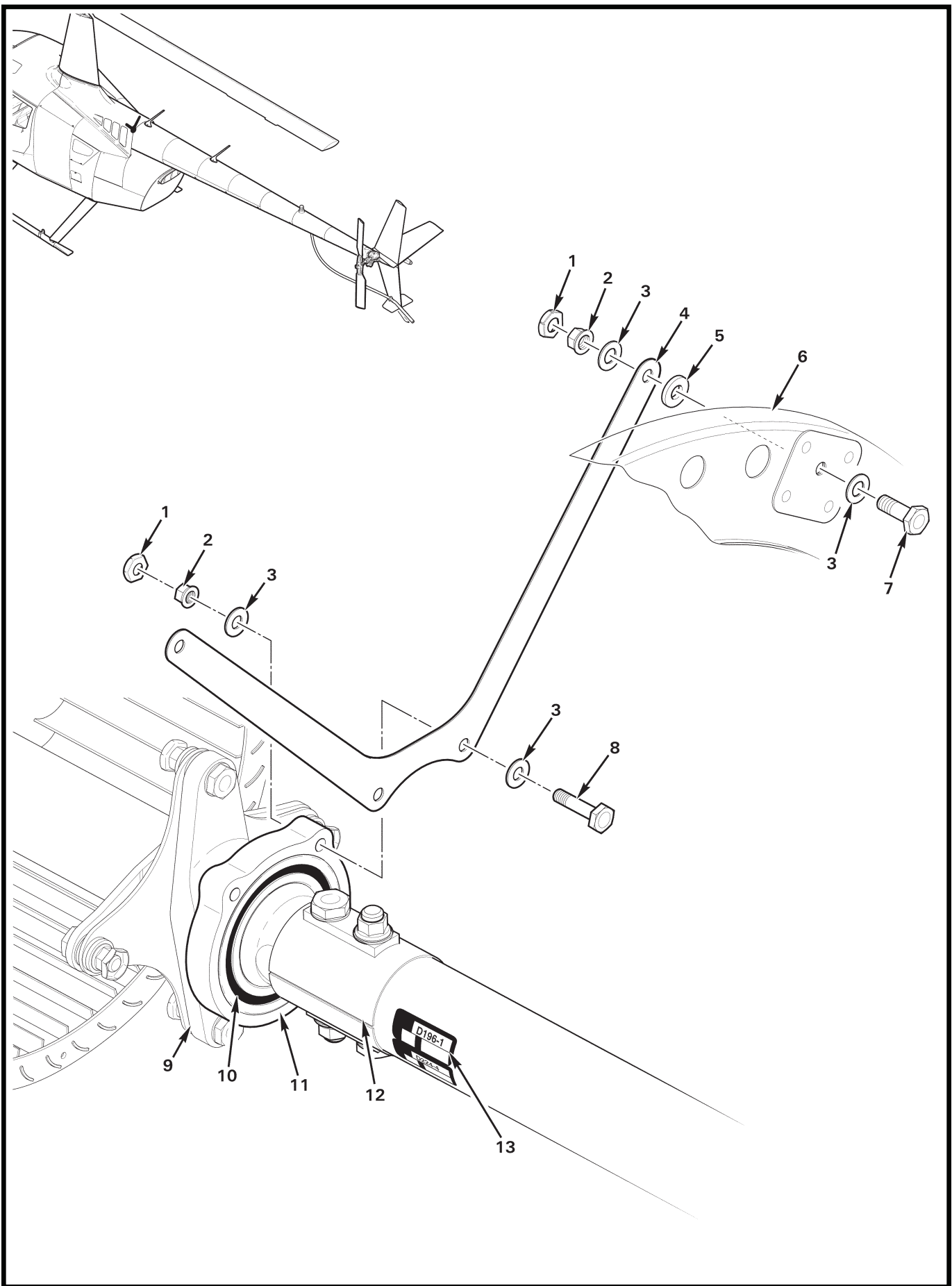
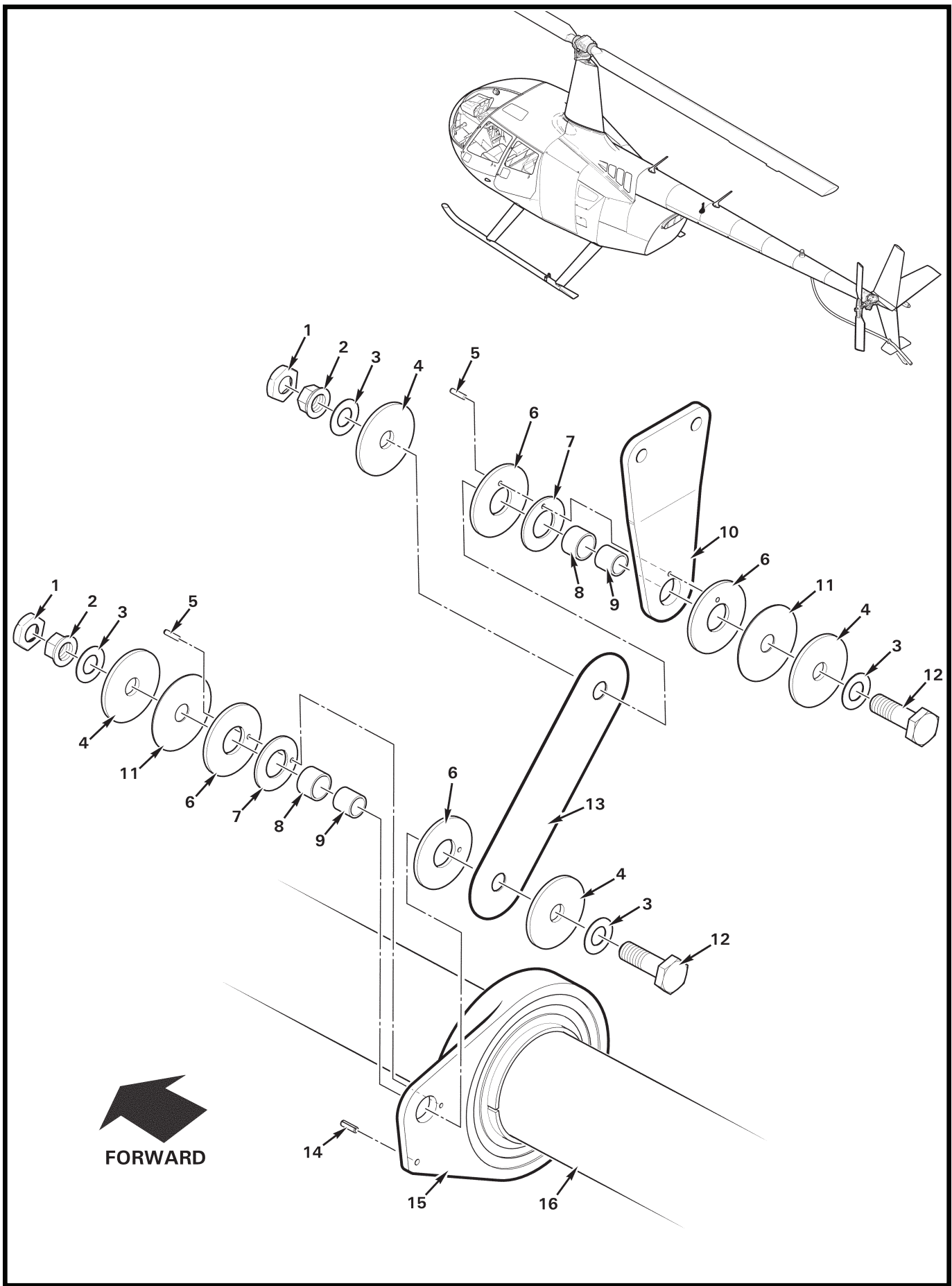


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		HANGER INSTALLATION		
65-5-1	B330-7	Palnut	X	2
2	D210-3	Nut	X	2
3	NAS1149F0332P	Washer	X	4
4	F193-2	Hanger	X	1
5	NAS1149F0363P	Washer	X	2
6	D070-1	Bulkhead Assembly (Ref)		
7	NAS6603-3	Bolt	X	2
8	NAS6603-8	Bolt	X	2
9	D224-5	Yoke Assembly (Includes items 10 and 11. Ref, see Figure 65-3.)		
10	C647-8	Bearing (Ref)		
11	D224-6	Bearing Assembly (Includes item 10. Ref, see Figure 65-3.)		
12	D224-4	Tail Rotor Drive Shaft Assembly (Ref; see Figure 65-3)		
13	—	Data Plate (D196-1 tail rotor drive shaft, D224-4 tail rotor drive shaft assembly; P/N, revision letter, serial number) . . .	O	2
NOTES				



CHAPTER 67

FLIGHT CONTROLS

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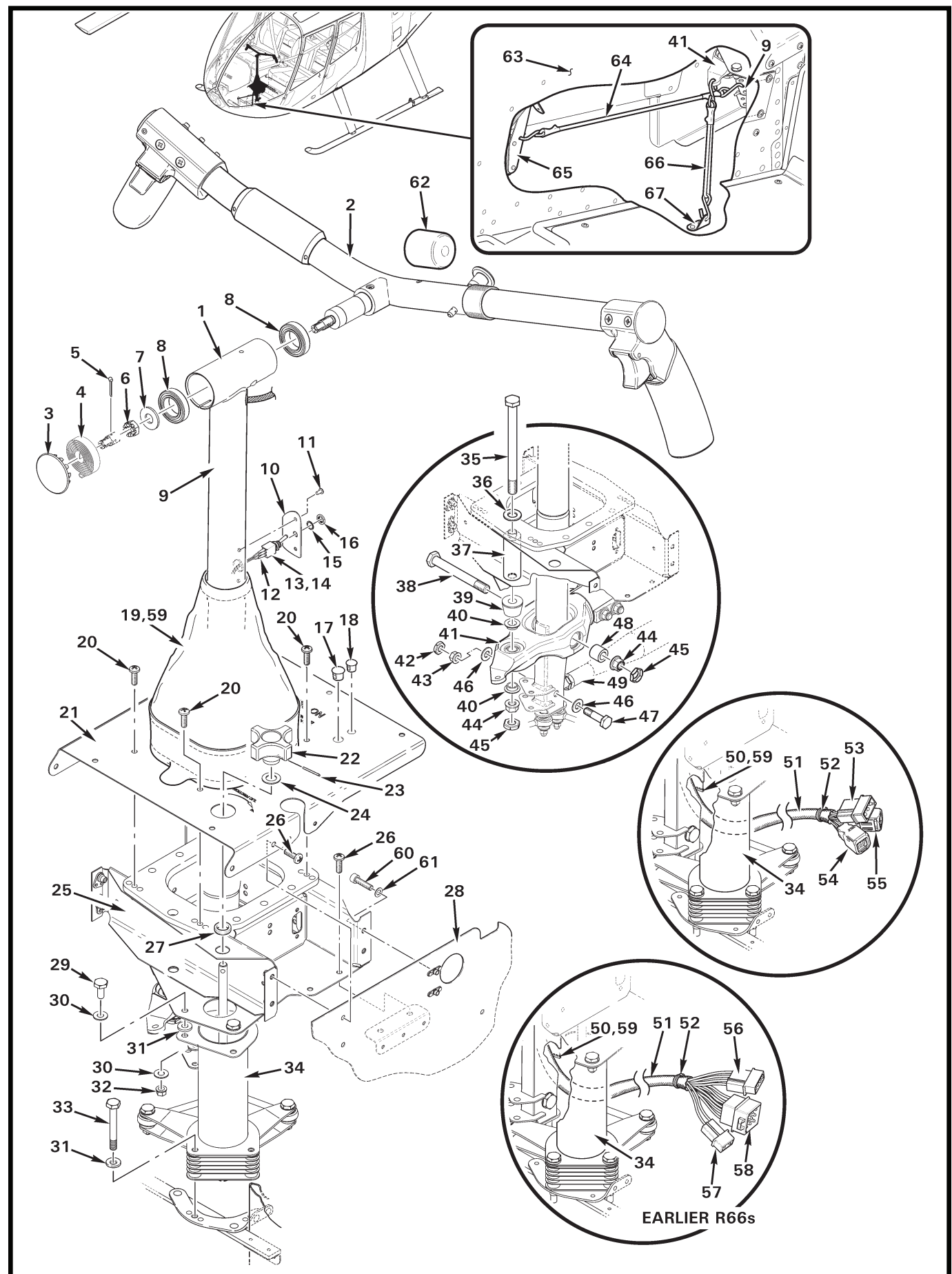


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		CYCLIC CONTROL SYSTEM		
67-1-1	C069-14	Cyclic Control Assembly (Incl items 2 thru 9, 11, 13, 19, 21, 25, 37, 39 thru 45, 48, and 51 thru 55)	X	1
	C069-8	Cyclic Control Assembly (Ref, no longer available)		
2	C058-10	Grip Assembly – Cyclic (see Figure 67-11)	X	1
3	B209-4	Plug	X	1
4	D684-1	Spring	X	1
5	MS24665-69	Cotter Pin	X	1
6	MS17825-5	Nut	X	1
7	A141-40	Washer	X	1
8	A647-2	Bearing	X	2
9	D320-8	Stick Assembly (Ref)		
10	B306-4	Mount	X	1
11	SR-3035B	Rivet	X	2
12	B158-1	Heat Shrink (around terminals)	X	A/R
13	C049-9	Switch Assembly – Landing Light (Incl items 10, 12, 14, and wires)	X	1
14	B300-1	Switch (Incl items 15 and 16)	X	1
15	B227-3	Lockwasher	X	1
16	B227-11	Dress Nut	X	1
17	2613	Hole Plug	X	1
18	2603	Hole Plug	X	1
19	A677-4	Boot (install using item 59)	X	1
20	MS27039C0808	Screw	X	4
21	F444-2	Cover Assembly – Cyclic	X	1
	F444-1	Cover Assembly – Cyclic	O	1
22	A499-2	Knob	X	1
23	MS16562-35	Spring Pin	X	1
24	NAS1149F0432P	Washer (or NAS1149F0463P)	X	A/R
25	F338-1	Cyclic Box Assembly	O	1
26	MS27039C0806	Screw	X	14
27	NAS557-6A	Grommet	X	1
28	—	Keel Panel (Ref)		
29	NAS6603-2	Bolt	X	2
30	NAS1149F0332P	Washer	X	4
31	NAS1149F0363P	Washer	X	4
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
CYCLIC CONTROL SYSTEM (Cont'd)				
67-1-32	MS21042L3	Nut	X	5
33	NAS6603-18	Bolt	X	2
34	C048-1	Cyclic Friction Assembly (Ref; see also Figure 67-19)		
35	NAS6605-56	Bolt	X	1
36	NAS1149F0532P	Washer	X	1
37	A130-6	Spacer	X	1
38	NAS1305-35	Bolt	X	5
39	A339-1	Spacer	X	1
40	A340-1	Spacer	X	2
41	C177-5	Pivot Assembly	X	1
42	B330-13	Palnut	X	1
43	D210-4	Nut	X	1
44	D210-5	Nut	X	2
45	B330-16	Palnut	X	2
46	NAS1149F0432P	Washer	X	1
47	NAS6604-9	Bolt	X	1
48	C105-3	Journal	X	1
49	C121-1	Push-Pull Tube (Ref, see Figure 67-5)		
50	MS21266-1N	Grommet (install using item 59)	X	A/R
51	B266-8	Sleeving	X	A/R
52	B268-3	Lacing Tape (at both ends of sleeve)	X	A/R
53	B263-14	Housing	X	1
	B263-1	Pin	X	3
54	D269-11	Plug (includes [9] M39029/57-354 sockets)	X	1
55	D269-9	Plug (includes [9] M39029/58-360 pins)	X	1
56	B263-36	Housing	X	1
	B263-1	Pin	X	4
57	B263-12	Housing	X	1
	B263-1	Pin	X	2
58	B263-20	Housing	X	1
	B263-1	Pin	X	9
59	B270-8.5oz	Adhesive	X	A/R
60	NAS1352-08-6P	Screw	X	4
61	NAS620-8L	Washer	X	4
62	A959-5	Cap	X	1
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		CYCLIC CONTROL SYSTEM (Cont'd)		
67-1-63	F033	Lower Console Assembly (Ref)		
64	D918-1	Elastic Cord Assembly (3 lb ± 0.25)	X	1
65	F407-5	Gusset (Ref)		
66	D918-2	Elastic Cord Assembly (5 lb ± 0.50)	X	1
67	A748-8	Angle (Ref)		
NOTES				

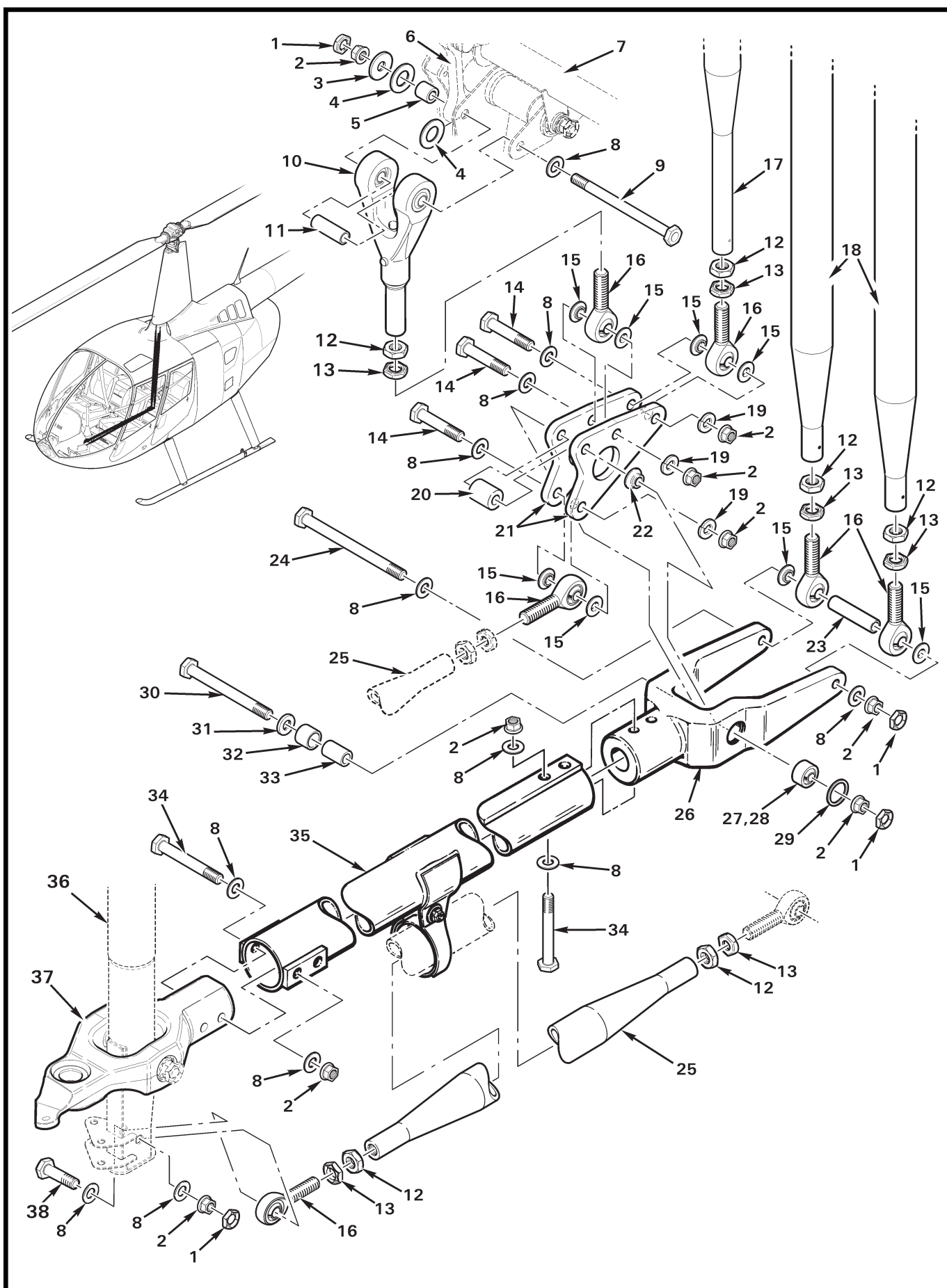


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		JACKSHAFT WELDMENT INSTALLATION		
67-25-1	D212-6	Servo Assembly (aft, Ref; see Figure 29-11)		
2	B330-16	Palnut (Ref)		
3	AN316-5R	Nut (Ref)		
4	C343-8*	Tube	X	1
5	B163-2	Rod End	X	2
6	B330-13	Palnut	X	4
7	D210-4	Nut	X	4
8	A214-3	Washer	X	2
9	A115-1	Spacer	X	2
10	NAS1149F0432P	Bolt	X	6
11	NAS6604-29	Bolt	X	1
12	F339-1	Jackshaft Weldment Assembly	X	1
13	NAS6604-33	Bolt	X	1
14	F121-7	Push-Pull Tube Assembly (Ref, see Figure 67-5)		
15	NAS6604-11	Bolt	X	1
16	NAS664-8	Bolt	X	1
17	A105-6	Journal	X	1
18	O6DU06	Bearing (install bearing using wet primer)	X	1
19	G201-1	Frame Assembly – Hydraulic Servo Support (Ref)		
20	B330-16	Palnut	X	2
21	AN316-5R	Nut	X	2
NOTES * Apply B270-21 protectant to threads.				

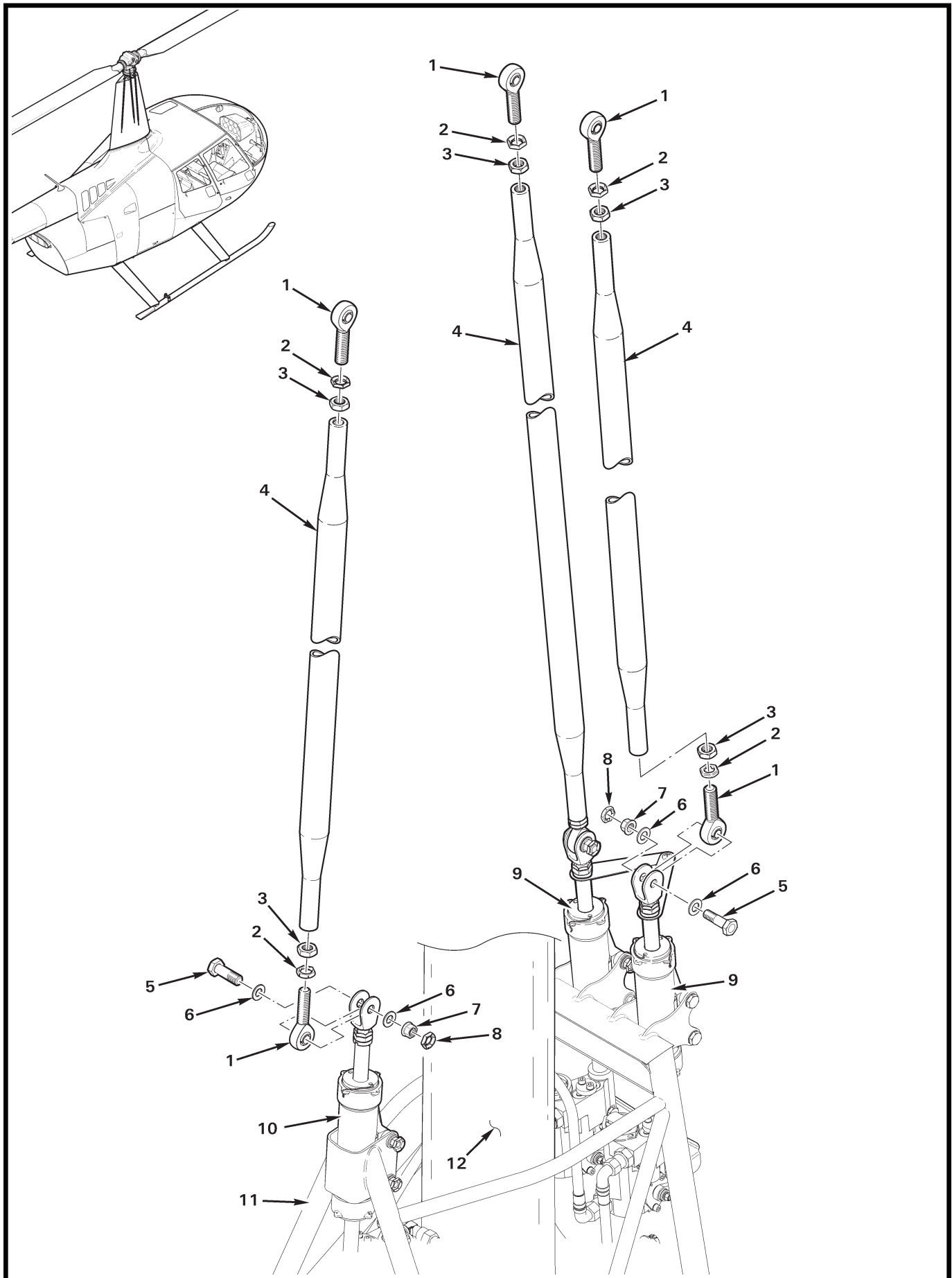


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
67-31-1		TAIL ROTOR CONTROLS – PEDAL COVER INSTALLATION		
	MS27039C0806	Screw	X	12
	2 A412-3	Cover (RH)	X	1
	3 A412-1	Cover (LH)	X	1
NOTES				

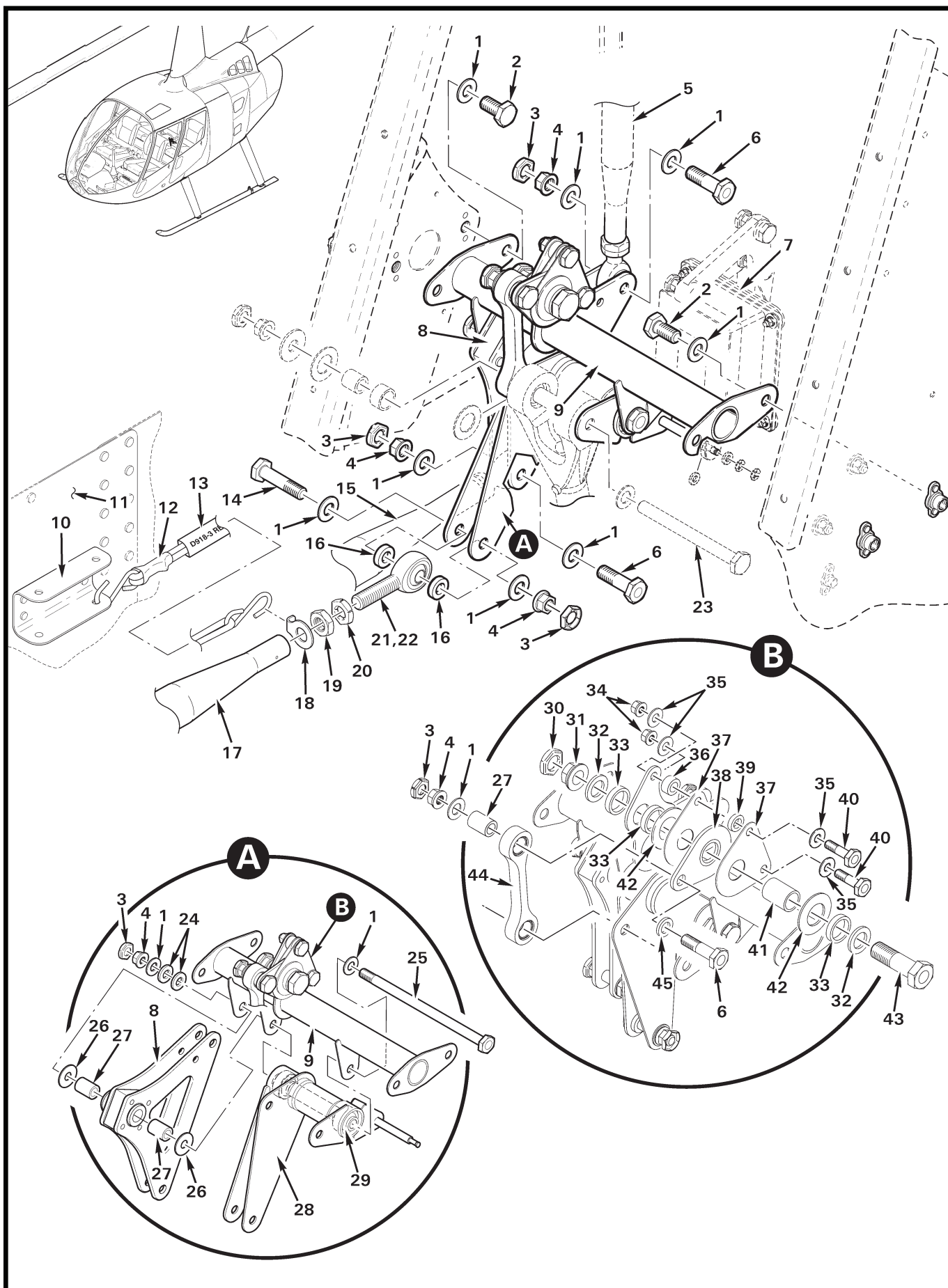


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		F334 SUPPORT ASSEMBLY INSTALLATION		
67-33-1	NAS1149F0432P	Washer	X	13
2	NAS6604-2	Bolt	X	4
3	B330-13	Palnut	X	4
4	D210-4	Nut	X	3
5	F121-11	Push Pull Tube Assembly (Ref)		
6	NAS6604-9	Bolt	X	3
7	F334-2	Actuator Assembly (Ref, see Figure 76-7)		
8	C317-7	Bellcrank	X	1
9	F334-1	Aft Support Assembly (Incl items 1, 3, 4, 6, 8, 14, 16, and 24 thru 45)	X	1
10	A697-3	Anchor (Ref)		
11	F293-2	Keel Panel (forward, Ref)		
12	D918-3	Elastic cord Assembly (6 lb $\pm$ 0.25)	X	1
13	B158-6	Heat Shrink (labeled "D918-3 Rev...")	X	A/R
14	NAS6604-11	Bolt	X	1
15	F121-9	Push-Pull Tube Assembly (Ref)		
16	A130-47	Spacer	X	2
17	F121-1	Push-Pull Tube Assembly (Incl items 18 thru 22)	X	1
18	A697-6	Tab	X	1
19	AN316-5R	Nut	X	2
20	B330-16	Palnut	X	2
21	A101-4	Rod End (install using item 22 on threads)	X	2
22	B270-21	Protectant	X	A/R
23	NAS6604-37	Bolt (Ref, see Figure 67-5)		
24	NAS1149F0463P	Washer	X	2
25	NAS6604-67	Bolt	X	1
26	A141-3	Washer	X	2
27	A105-3	Journal	X	3
28	F326-1	Bellcrank Weldment (Ref)		
29	B303-1	Bearing (Ref)		
30	B330-19	Palnut	X	1
31	D210-6	Nut	X	1
32	NAS1149F0663P	Washer	X	2
33	C130-25	Spacer	X	3
34	D210-3	Nut	X	2
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		F334 SUPPORT ASSEMBLY INSTALLATION (Cont'd)		
67-33-35	NAS1149F0332P	Washer	X	4
36	A130-21	Spacer	X	2
37	D336-1	Plate	X	2
38	B249-6	Arm Assembly	X	1
39	C130-24	Spacer	X	2
40	NAS6603-6	Bolt	X	2
41	B250-13	Journal	X	1
42	A478-4	Spring Washer (install with concave towards item 38)	X	2
43	NAS6606-11	Bolt	X	1
44	C327-1	Link Assembly	X	1
45	A141-11	Washer	X	1
NOTES				

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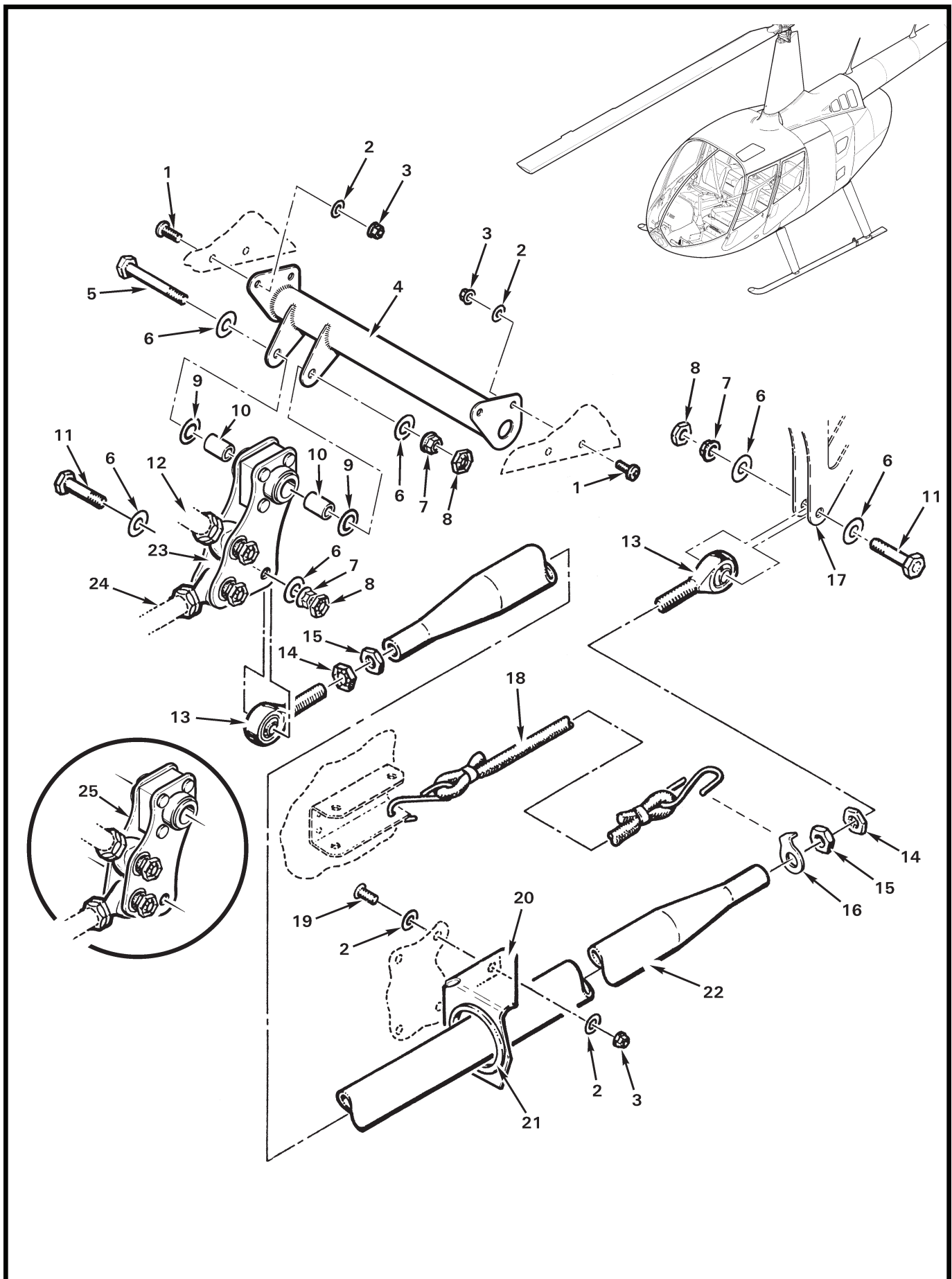


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		A331 BELLCRANK ASSEMBLY		
67-39-1	NAS6604-11	Bolt	X	1
2	A214-3	Washer	X	3
3	MS20002-4	Washer	X	1
4	NAS1149F0432P	Washer	X	6
5	D210-4	Nut	X	4
6	A120-5	Bellcrank (Ref)		
7	A331-4	Bellcrank Assembly	X	1
8	NAS6604-35	Bolt	X	1
9	A141-3	Washer	X	2
10	A105-3	Journal	X	2
11	NAS6604-9	Bolt	X	1
12	A127-4	Rod End	X	2
13	B330-13	Palnut	X	6
14	AN316-4R	Nut	X	2
15	C121-17	Push-Pull Tube Assembly (Incl items 12 thru 14, and 16)	X	1
16	C121-18	Tube (Ref)		
17	NAS6604-10	Bolt	X	1
18	NAS1149F0432P	Washer (or NAS1149F0462P as required for minimum clearance)	X	A/R
NOTES				

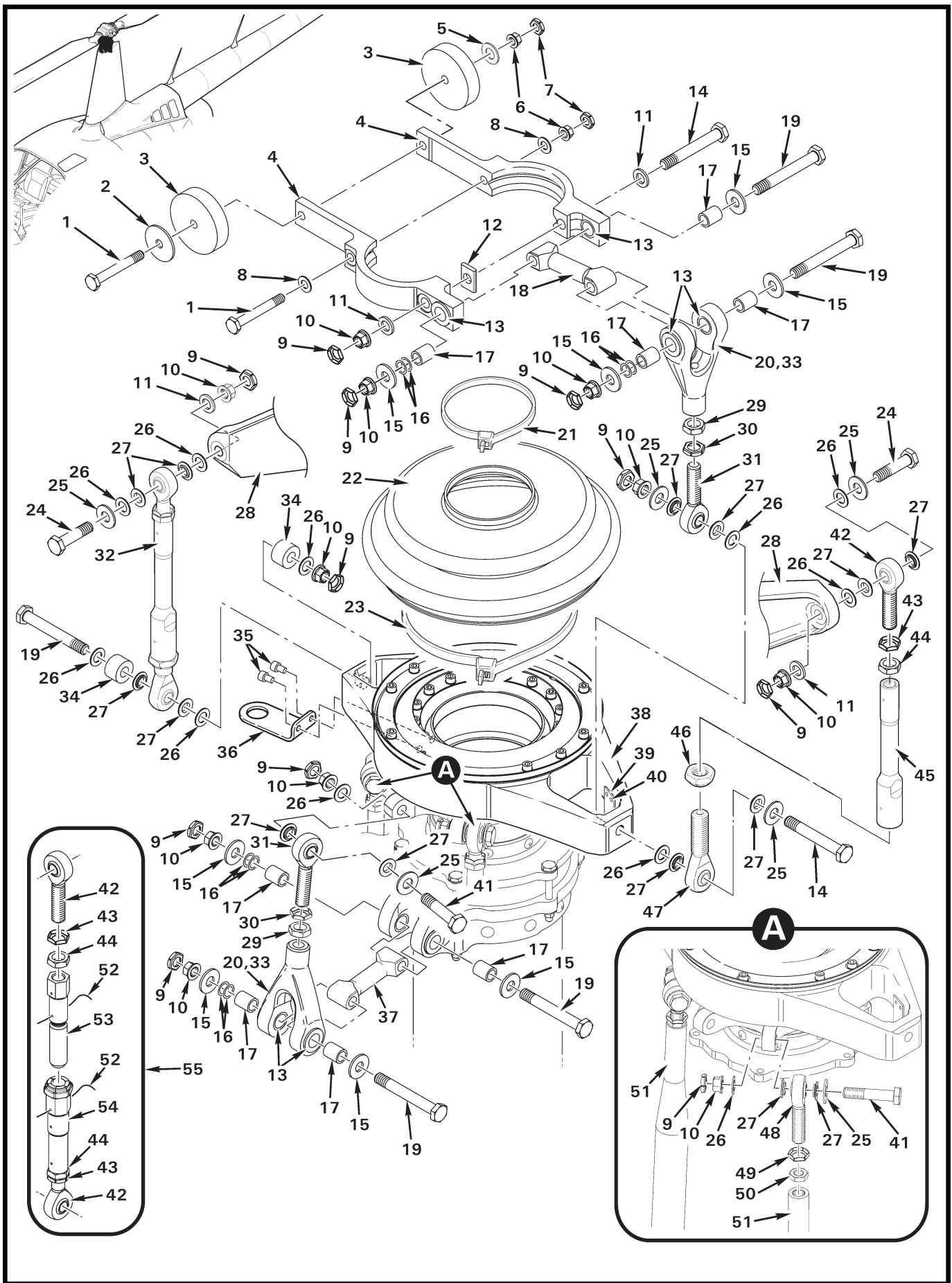


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SWASHPLATE ASSEMBLY		
67-41-1	NAS6604-24*	Bolt	X	2
2	AN970-4**	Washer (A/R for balance)	X	A/R
3	A255-1**	Counter Weight (1.10 in. O.D.)	X	A/R
	A255-2**	Counter Weight (1.90 in. O.D.)	X	A/R
4	C203-5	Yoke Assembly (Incl item 13)	X	2
5	NAS1149F0432P*	Washer (or NAS1149F0463P as required for proper thread engagement)	X	A/R
6	D210-4	Nut	X	2
7	B330-13	Palnut	X	2
8	NAS1149F0432P	Washer	X	2
9	B330-16	Palnut	X	11
10	D210-5	Nut	X	13
11	NAS1149F0563P	Washer	X	2
12	A210-1	Key	X	1
13	C648-2	Bearing – Journal (install wet; see R66 MM § 20-60 for approved primer)	X	8
14	NAS6605-28	Bolt	X	2
15	C141-19	Washer	X	8
16	C117-67	Shim (thickness = 0.016 in.)	X	A/R
	C117-68	Shim (thickness = 0.020 in.)	X	A/R
	C117-69	Shim (thickness = 0.025 in.)	X	A/R
17	C105-6	Journal (length = 0.526 in.)	X	8
18	C204-3	Arm (upper)	X	1
19	NAS6605-31	Bolt	X	5
20	A205-7	Fork Assembly (Incl item 13)	X	2
21	MS3367-7-9	Ty-Rap	X	1
22	C480-1	Boot	X	1
23	MS3367-6-0	Ty-Rap	X	1
24	NAS665-18	Bolt	X	2
25	C141-1	Washer	X	6
26	NAS1149-F0532P	Washer	X	9
27	C115-1	Spacer	X	14
28	C005-13	Blade and Spindle Assembly – Main Rotor (Ref)		
29	AN316-6R	Nut	X	2
30	B330-19	Palnut	X	2

NOTES * Select bolt length which, after correct torque is applied, exposes 2 to 4 threads beyond nut.

** Refer to R66 MM § 18-14 PART C.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SWASHPLATE ASSEMBLY (Cont'd)		
67-41-31	D173-3	Rod End	X	2
32	C258-5	Pitch Link Assembly (Incl items 42 thru 47)	X	2
33	B270-13	Sealant (to fill cavity in item 20)	X	A/R
34	A255-3	Counter Weight	X	2
35	NAS1352N08-4	Screw	X	2
36	B769-2	Bracket	X	1
37	C204-2	Arm (lower)	X	1
38	C017-6	Swashplate Assembly (Incl items 35, 36, 39, and 40)	X	1
39	C769-2	Interrupter	X	1
40	MS20470AD3	Rivet	X	2
41	NAS6605-17	Bolt	X	4
42	D173-3*	Rod End	X	1
43	B330-19	Palnut	X	1
44	AN316-6R	Nut	X	1
45	C258-6*	Barrel Assembly	X	2
46	21FKF-813	Nut	X	1
47	D173-4*	Rod End	X	1
48	D173-2	Rod End (Ref)		
49	B330-19	Palnut (Ref)		
50	AN316-6R	Nut (Ref)		
51	F121-3	Push-Pull Tube Assembly (Ref, includes items 48 thru 50. See also Figure 67-27.)		
52	MS20995C32	0.032 in. dia Safety Wire	X	A/R
53	C258-2	Fitting	O	1
54	C258-4*	Link Assembly (Incl items 42 thru 44)	O	1
55	C258-1**	Pitch Link Assembly (Incl items 42 thru 44, 53, and 54)	O	2

56	KI-6604	R44-series & R66 C017-5 Swashplate Installation Kit Instructions (See www.robinsonheli.com for complete kit contents. Also, see Figure 67-41.)	X	1
NOTES * Apply A257-2 or A257-22 oil on threads. ** Earlier R66s, no longer available.				

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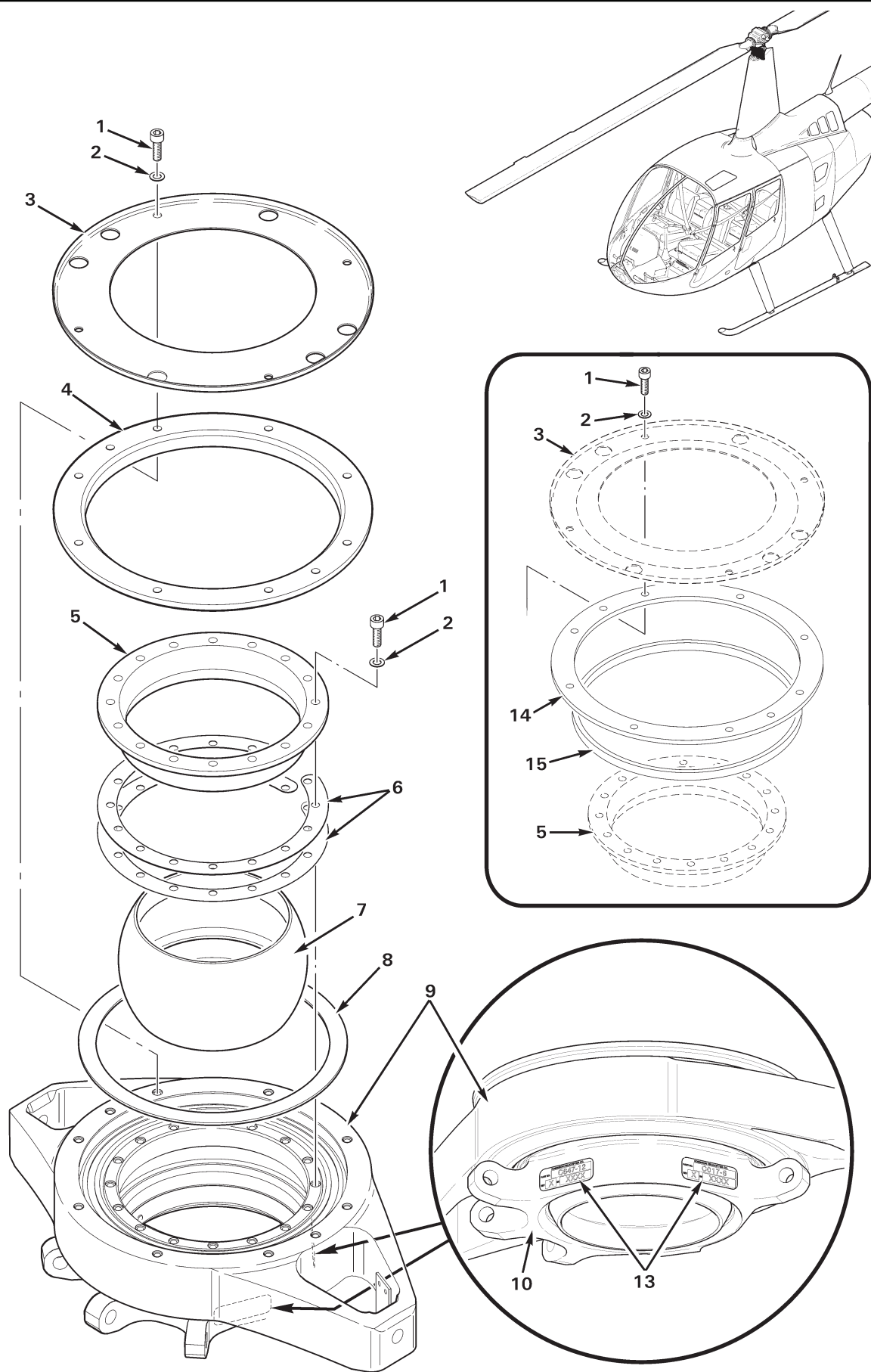


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SWASHPLATE BALL INSTALLATION (C017 REVISION AD & SUBSEQUENT)		
67-45-1	NAS1352N08-8	Screw (install using item 11 on threads)	X	26
2	NAS620-8L	Washer	X	26
3	C206-2	Retainer	X	1
4	C200-4	Retainer (supersedes items 14 and 15)	X	1
5	C205-1	Sleeve Assembly	X	1
6	C197-1	Spacer (thickness = 0.016 in.)	X	A/R
	C197-2	Spacer (thickness = 0.020 in.)	X	A/R
	C197-3	Spacer (thickness = 0.025 in.)	X	A/R
	C197-4	Spacer (thickness = 0.032 in.)	X	A/R
	C197-5	Spacer (thickness = 0.040 in.)	X	A/R
	C197-6	Spacer (thickness = 0.050 in.)	X	A/R
7	C201-1	Ball Assembly	X	1
8	C217-1	Seal (upper)	X	1
9	C199-2	Swashplate Assembly – Upper (Ref)		
10	F198-1	Swashplate Assembly – Lower (Ref)		
11	A257-9	Anti-Seize	X	A/R
12	C647-12	Bearing Set – Swashplate (Ref; connects items 9 and 10; not shown)		
	A257-3	Grease (pack bearing set with grease per MM § 12-90)	X	A/R
13	—	Identification Plate* (C017-6 Assembly, and C647-12 bearing set; part number, revision letter and serial number) . .	O	2
14	C200-3**	Retainer	X	1
15	C219-3**	Spacer	X	1
NOTES * Refer to MM § 20-93 for replacement procedures. ** Superseded by item 4.				

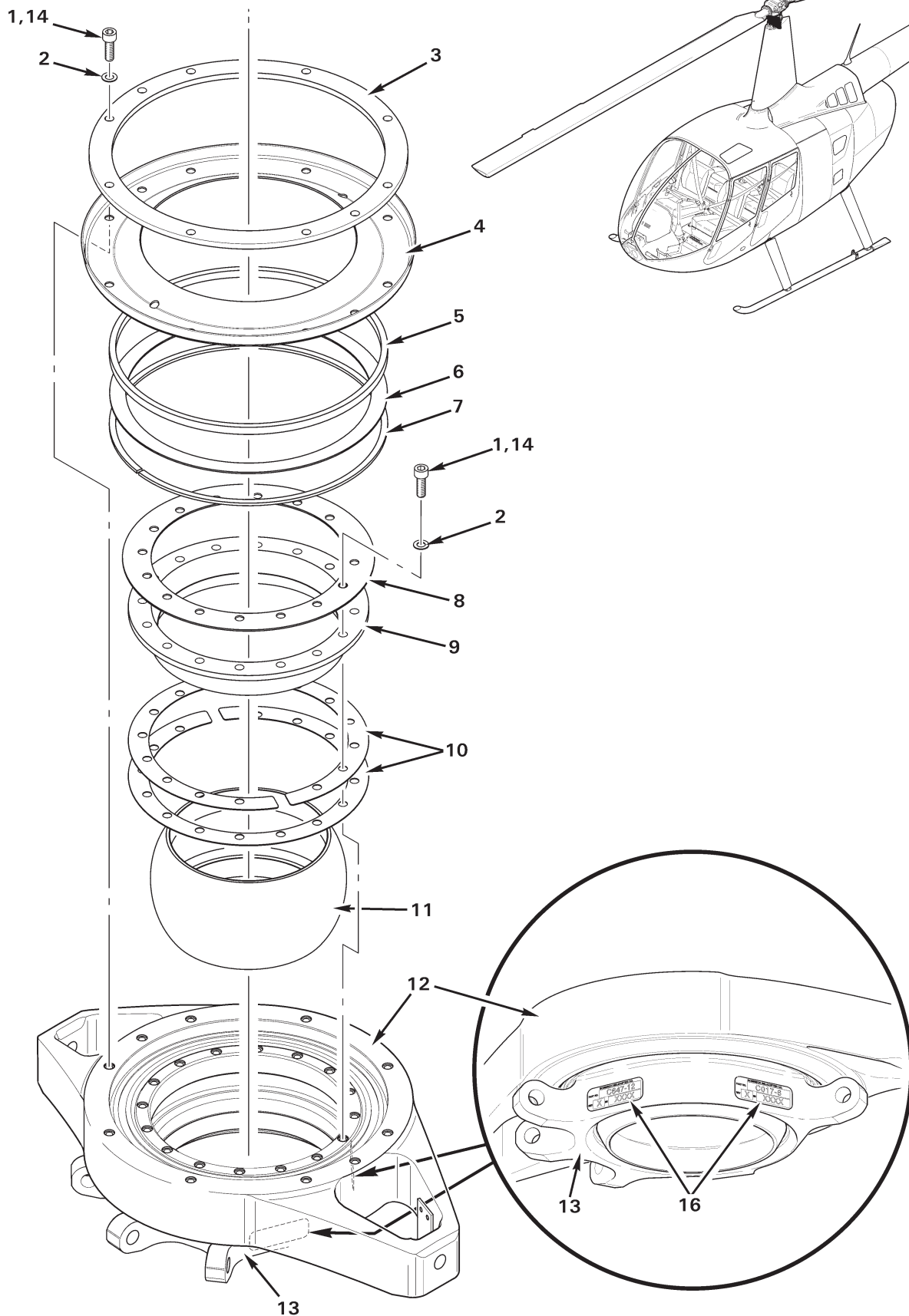


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		SWASHPLATE BALL INSTALLATION (C017 REVISION AA THRU AC)		
67-47-1	NAS1352N08-8	Screw (install using item 14 on threads)	X	26
2	NAS620-8L	Washer	X	26
3	C200-1 *	Retainer (Ref, no longer available)		
4	C206-1 *	Retainer (Ref, no longer available)		
5	C219-2 *	Spacer (Ref, no longer available)		
6	C218-2 *	Shield (Ref, no longer available)		
7	C219-1 *	Spacer (Ref, no longer available)		
8	C218-1 *	Shield (Ref, no longer available)		
9	C205-1	Sleeve Assembly	X	1
10	C197-1	Spacer (thickness = 0.016 in.)	X	A/R
	C197-2	Spacer (thickness = 0.020 in.)	X	A/R
	C197-3	Spacer (thickness = 0.025 in.)	X	A/R
	C197-4	Spacer (thickness = 0.032 in.)	X	A/R
	C197-5	Spacer (thickness = 0.040 in.)	X	A/R
	C197-6	Spacer (thickness = 0.050 in.)	X	A/R
11	C201-1	Ball Assembly	X	1
12	C199-2	Swashplate Assembly – Upper (Ref)		
13	F198-1	Swashplate Assembly – Lower (Ref)		
14	A257-9	Anti-Seize	X	A/R
15	C647-12	Bearing Set – Swashplate (Ref; connects items 12 and 13; not shown)		
16	—	Identification Plate** (C017-6 Assembly, and C647-12 bearing set; part number, revision letter and serial number) . .	O	2
NOTES * To replace parts, upgrade swashplate assembly per R66 Service Bulletin SB-30. ** Refer to MM § 20-93 for replacement procedures.				

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CHAPTER 71

POWERPLANT

<i>Figure</i>	<i>Title</i>	<i>Page</i>
71-1	Engine Installation	71.0
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71-19	Exhaust Weldment and Strut Installation	71.18
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71-23	Generator Control Unit Installation	71.22
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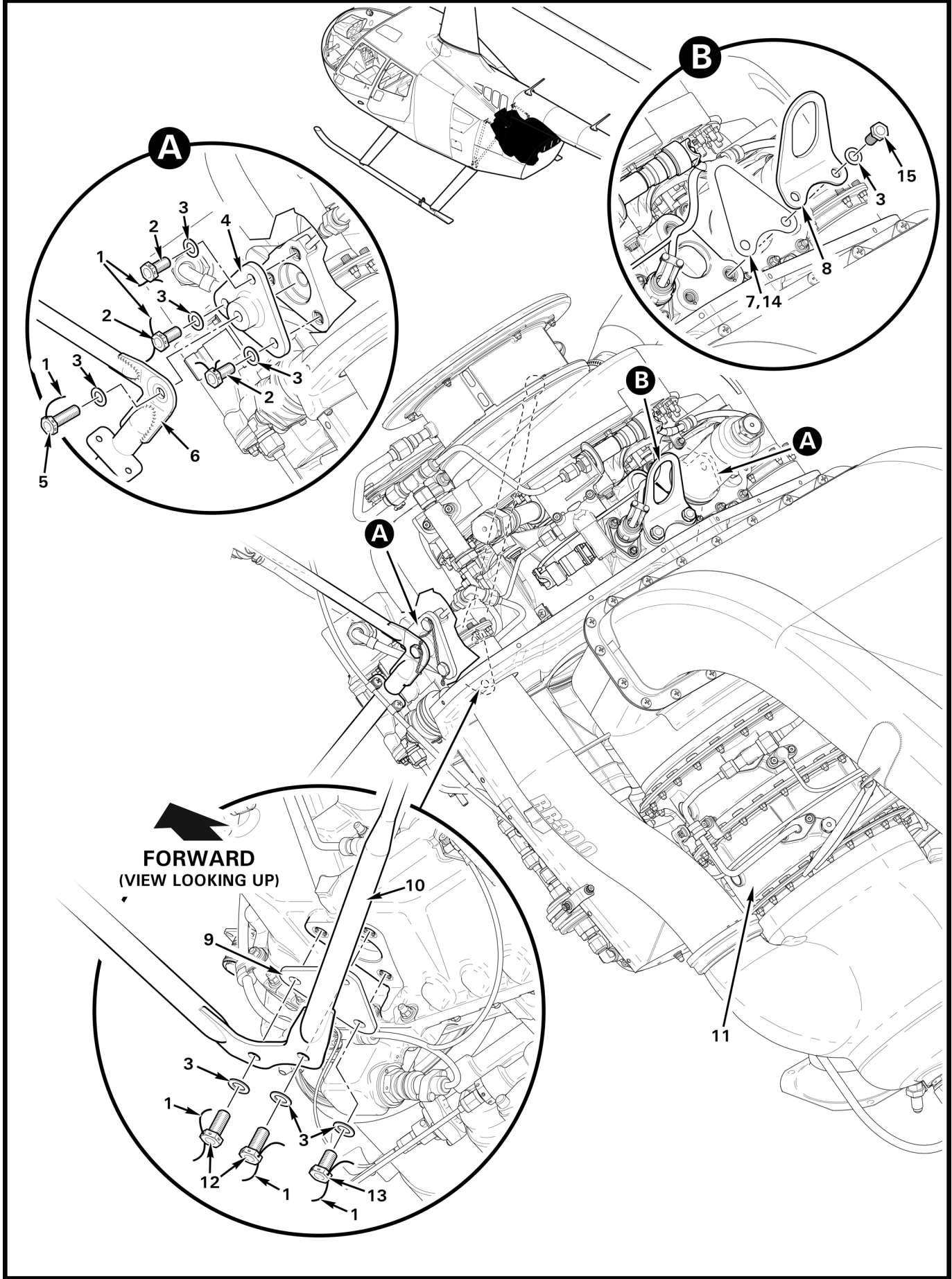


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE INSTALLATION		
71-1-1	MS20995C32	0.032 in. dia Safety Wire	X	A/R
2	NAS6605H3	Bolt	X	6
3	NAS1149F0532P	Washer	X	13
4	F593-1	Support Assembly	X	2
5	NAS6605H9	Bolt	X	2
6	F046-1	Frame Weldment (Ref, see Figure 53-7)		
7	G200-2	Cover (install using item 14; earlier aircraft)	X	1
8	G200-1	Lug (optional)	X	1
9	F593-3	Plate	X	1
10	F174-1	Support Weldment (Ref, see Figure 53-7)		
11	F145-1	Engine (Ref, Rolls-Royce Model 250-C300/A1)		
12	NAS6605H4	Bolt	X	2
13	NAS6605H2	Bolt	X	1
14	B270-1	Sealant	X	A/R
15	NAS6605-3	Bolt	X	2
NOTES				

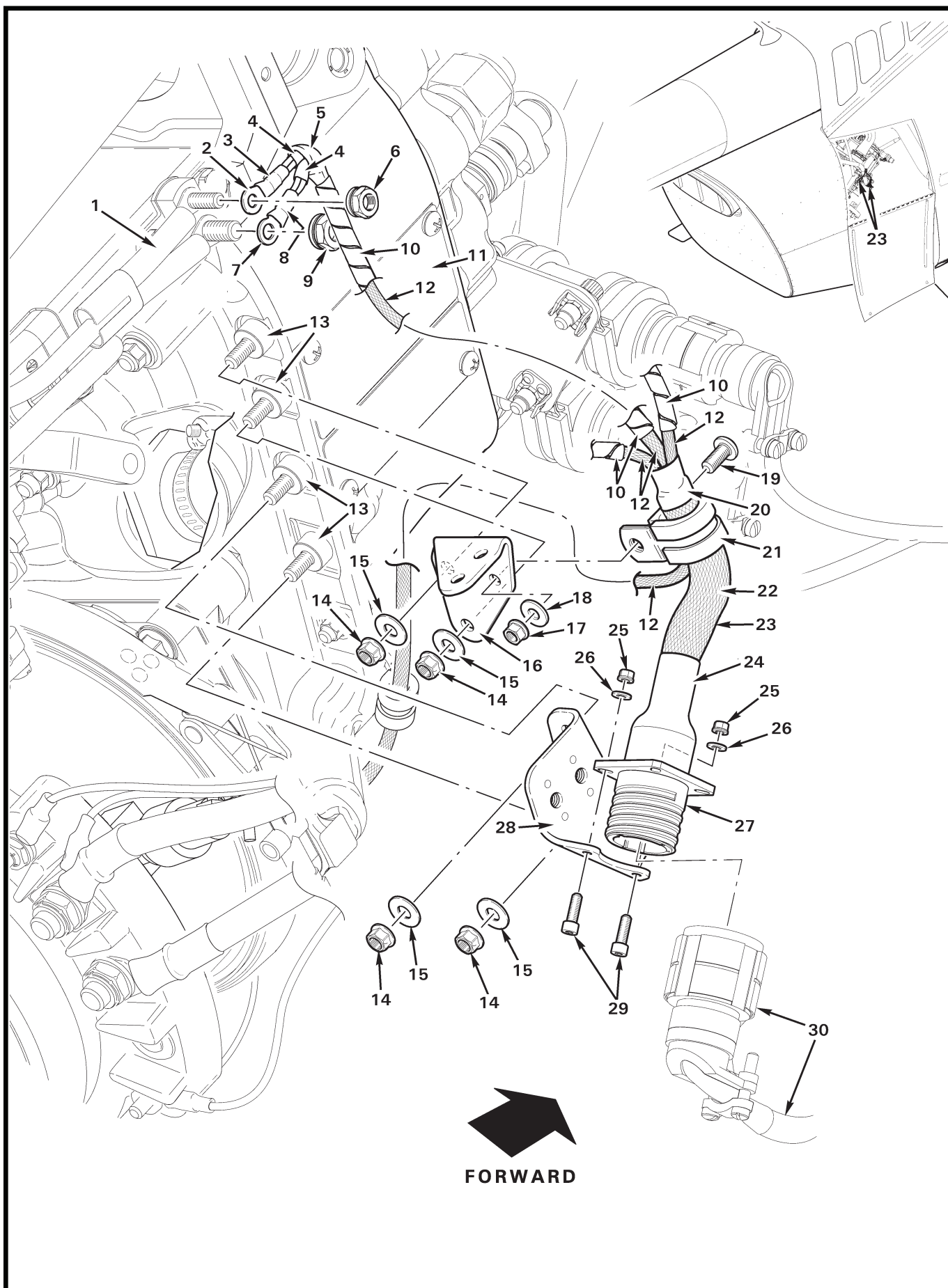


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE COMPONENTS – RIGHT SIDE		
71-3-1	—	Harness* – MGT (Ref)		
2	B260-33	Terminal (small)	X	1
3	B158-4	Heat Shrink (black).	X	A/R
4	B158-2	Heat Shrink (small; 2 places)	X	A/R
5	B158-6	Heat Shrink (large)	X	A/R
6	—	Nut* (small)	O	1
7	B260-34	Terminal (large)	X	1
8	B158-604	Heat Shrink (green).	X	A/R
9	—	Nut* (large)	O	1
10	B161-104	Sleeving (orange; 3 places)	X	A/R
11	—	Engine (Ref)		
12	B266-104	Sleeving	X	A/R
13	—	Spacer*	O	4
14	—	Nut* (Ref)		
15	NAS1149F0332P	Washer	X	4
16	F577-3	Bracket	X	1
17	MS21042L08	Nut	X	1
18	NAS1149FN832P	Washer	X	1
19	MS27039C0806	Screw	X	1
20	B158-812	Heat Shrink (adhesive-lined)	X	A/R
21	MS21919WCH8	Clamp	X	1
22	B266-108	Sleeving	X	A/R
23	F049-012	Harness Assembly – Engine (Incl items 2 thru 5, 7, 8, 10, 12, 20, 22, 24, and 27)	X	1
	F049-09**	Harness Assembly – Engine (Ref, earlier aircraft; no longer available.)		
24	H129-4-J-WM250	Shrink Boot	X	1
25	MS21042L04	Nut	X	2
26	NAS620-4	Washer	X	2
27	D38999/20FC35PN	Receptacle (Ref)		
28	F577-1	Bracket Assembly	X	1
29	NAS1352-04-6P	Screw	X	2
30	F859	Harness Assembly – Electrical (Ref; cabin)		

NOTES * Supplied with engine.

** To replace, order KI-223 Engine Electrical Harness Upgrade Kit Instructions revision C and subsequent, for helicopter S/Ns 0003 thru 0274. Order KI-223-2 for helicopter S/Ns 0275 thru 1021.

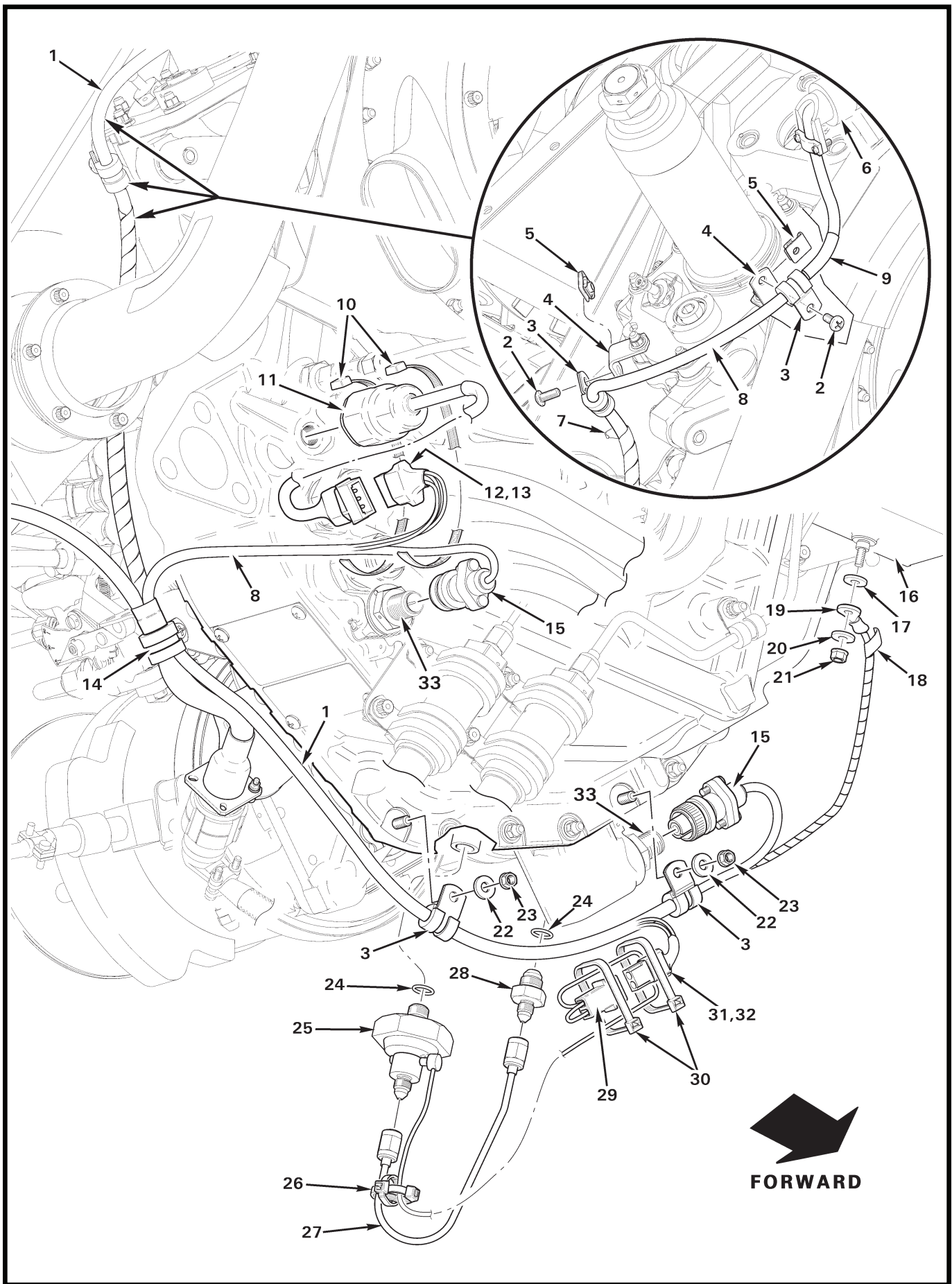


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE COMPONENTS – RIGHT SIDE		
71-5-1	F049-012*	Wire Harness Assembly – Engine (Incl items 6 thru 9, 12, 13, 15, 30, and 31)	X	1
	F049-09*	Wire Harness Assembly – Engine (Ref; earlier ships)		
2	MS27039C0806	Screw	X	2
3	MS21919WCH4	Clamp	X	4
4	MS9592-050*	Bracket	O	2
5	B162-2	Clipnut	X	2
6	MS3456W10SL-3S	Plug (Ref)		
7	B161-104	Spirap	X	A/R
8	B266-104	Sleeving	X	A/R
9	7861K46	Heat Shrink	X	A/R
10	MS3367-7-9	Ty-Rap	X	2
11	D745-3**	Switch Assembly (oil pressure; includes [1] NAS617-3 packing)	X	1
12	B263-15	Housing	X	1
	B263-2	Socket	X	3
13	B158-8	Heat Shrink	X	A/R
14	MS21919WCH8	Clamp (Ref, see Figure 71-3)		
15	MS3106R8S-1S	Plug	X	2
16	—	Ignition Exciter Box (Ref)		
17	NAS1149E0363R	Washer	X	1
18	B161-102	Spirap	X	A/R
19	B260-4	Terminal	X	1
20	—	Washer*	O	1
21	—	Nut*	O	1
22	NAS1149C0363R*	Washer	O	2
23	—	Nut*	O	2
24	MS29512-03	Packing (o-ring)	X	2
25	G426-1	Switch Assembly (differential pressure; includes items 24 & 29)	X	1
26	MS3367-4-9	Ty-Rap	X	2
27	F741-1	Line Assembly	X	1
28	AN919-0D	Reducer	X	1
29	B263-12	Housing	X	1
	B263-1	Pin	X	1
	B263-3	Pin	X	1
30	MS3367-5-9	Ty-Rap	X	2
NOTES * See also Figure 71-7. ** Rolls-Royce part number. See Rolls Royce RR300 Line Illustrated Parts Catalog.				
				Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE COMPONENTS – RIGHT SIDE (Cont'd)		
71-5-31	B263-13	Housing	X	1
	B263-2	Socket	X	2
32	B158-6	Heat Shrink	X	A/R
33	6871534*	Oil Plug/Chip Detector	X	2
NOTES * Rolls-Royce part number. See Rolls Royce RR300 Line Illustrated Parts Catalog.				

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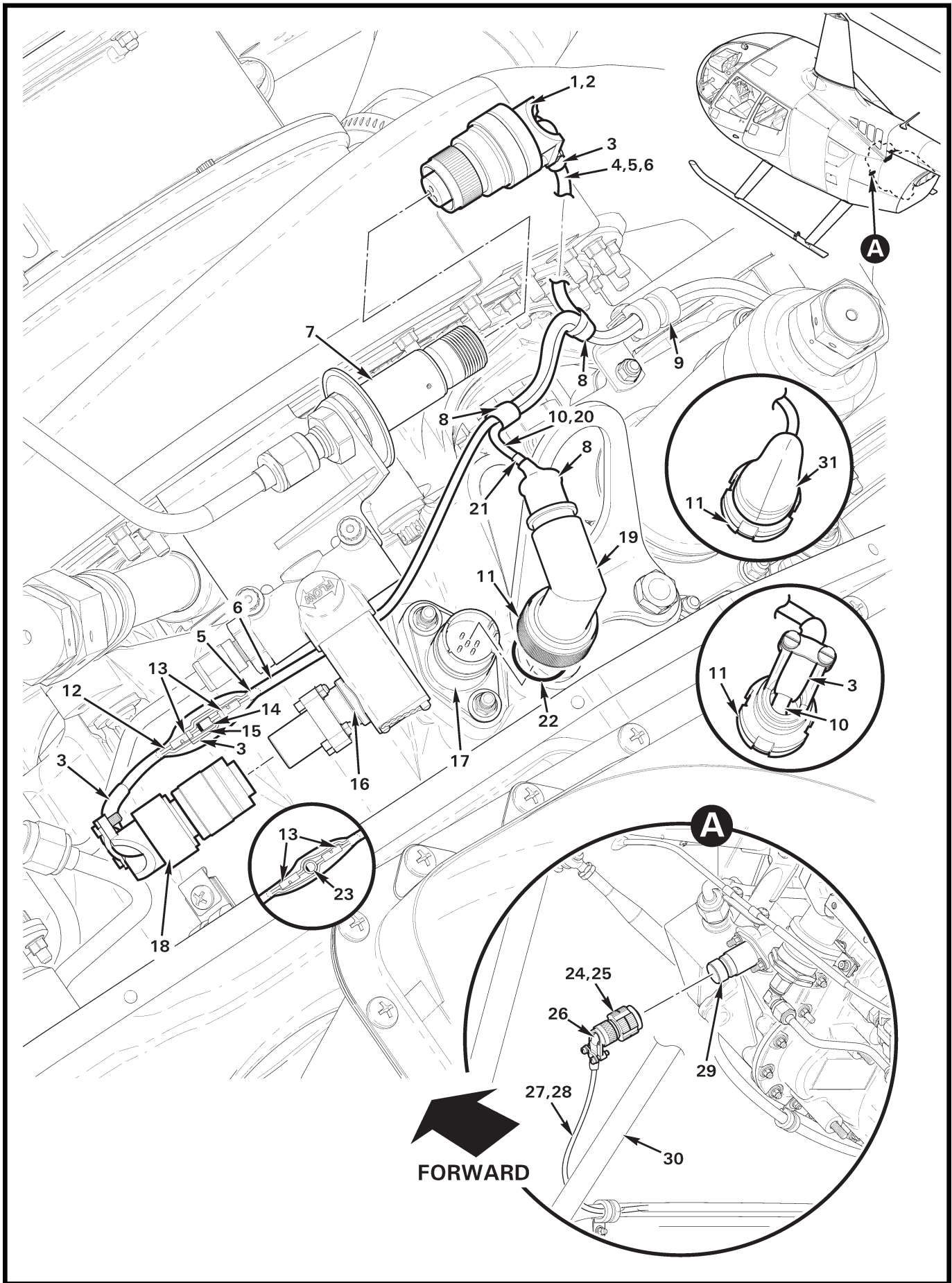


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE COMPONENTS – LEFT SIDE		
71-7-1	F049-012*	Harness Assembly (Incl items 2 thru 6, 8, 10 thru 15, and 18 thru 22)	X	1
	F049-09*	Harness Assembly (Ref; earlier ships)		
	F049-02*	Harness Assembly (Ref; earlier ships)		
2	MS3456W10SL-3S	Plug	X	1
3	B158-6	Heat Shrink	X	A/R
4	-1944,-1945	Wires (Ref)		
5	B158-2	Heat Shrink	X	A/R
6	B266-104	Sleeving	X	A/R
7	RR30000270**	Anti-Ice Pressure Switch (Ref)		
8	202D121-25/225	Boot	X	A/R
	7861K46	Heat Shrink (earlier ships)	O	A/R
9	MS21919WCH4	Clamp (Ref, see Figure 71-5)		
10	-1938,-1939,-1940, -1941	Wires (Ref)		
11	D38999 / 26FB98SA	Plug	X	1
	MS27488-20-2	Sealing Plug (pin E and F)	X	2
	B158-2	Heat Shrink	X	A/R
12	-2037	Wire	X	1
13	B261-2	Splice	X	2
14	D275-102	Diode (3 amp)	X	1
15	-2054	Wire (Ref)		
16	23007827**	Anti-Ice Valve (Ref)		
17	RR30000206**	N1 Speed Sensor (Ref)		
18	M83723 / 75R08036	Plug	X	1
19	M85049/90-11Z03	Backshell	X	1
20	B158-704	Heat Shrink (black)	X	A/R
21	B158-806	Heat Shrink (black, adhesive)	X	A/R
22	1182N111	O-ring	X	1
23	A15A	Diode (15 amp; earlier ships)	X	1
24	F859-03	Harness Assembly (Incl items 23, and 25 thru 28)	X	1
25	D38999 / 26FB98SN	Plug	X	1
26	608036-1	Tape	X	A/R
27	B266-104	Sleeving	X	A/R
28	-1934 thru 1937	Wires (Ref)		
NOTES * KI-223 Engine Electrical Harness Kit to replace -02, and -09, with -012 for helicopter S/Ns 0003 thru 0274. KI-223-2 to replace -09 with -012 for helicopter S/Ns 0275 thru 1021. ** Rolls-Royce part number. See Rolls Royce RR300 Line Illustrated Parts Catalog.				

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE COMPONENTS – LEFT SIDE (Cont’d)		
71-7-29	23054163*	N2 Sensor (Ref)		
30	F046-1	Frame Weldment (Ref)		
31	222A121-25/225	Boot (earlier ships).	X	1
NOTES * Rolls-Royce part number. See Rolls Royce RR300 Line Illustrated Parts Catalog.				

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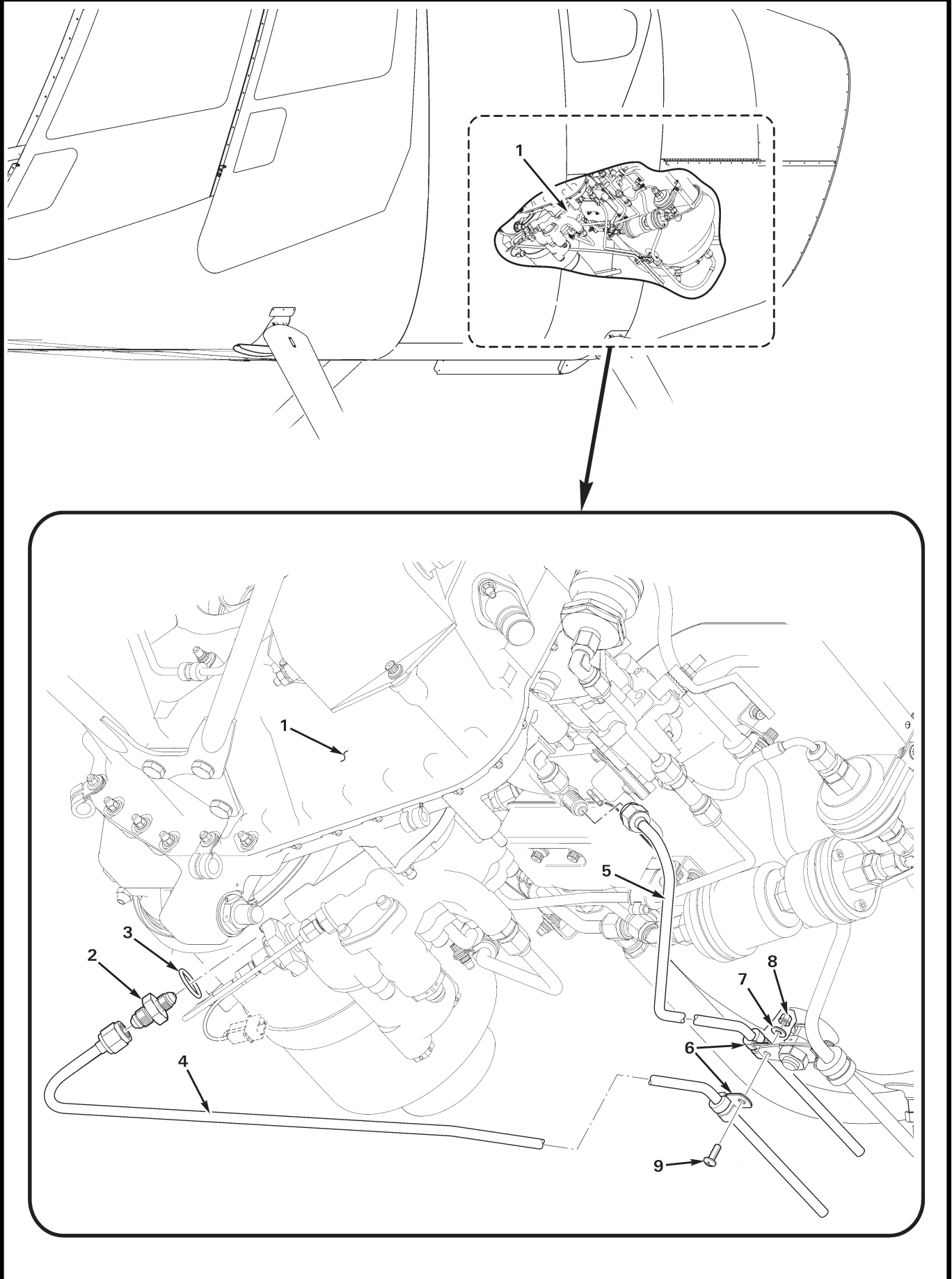
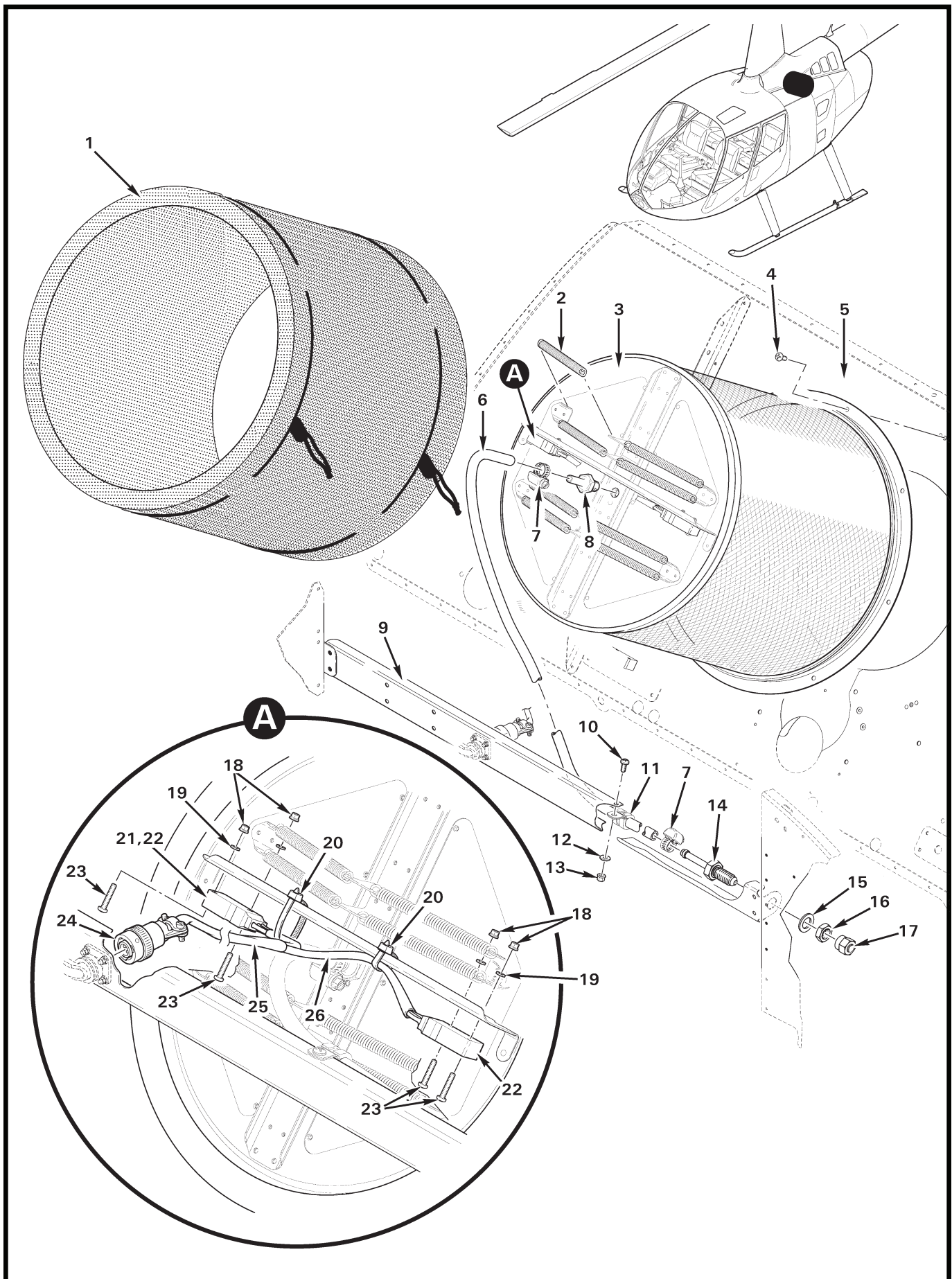


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
71-7D-1	F145-1	Engine (Ref)		
	2 AN919-2D	Reducer	X	1
	3 MS29512-3	Packing	X	1
	4 F727-1	Line Assembly	X	1
	5 F727-2	Line Assembly	X	1
	6 MS21919WCH4	Clamp	X	2
	7 NAS1149FN832P	Washer	X	1
	8 MS21042L08	Nut	X	1
	9 MS27039C0808	Screw	X	1
NOTES				



CHAPTER 76

ENGINE CONTROLS

<i>Figure</i>	<i>Title</i>	<i>Page</i>
76-1	Fuel Control Unit Controls Installation	76.0
76-5	Power Turbine Governor Control Installation	76.4
76-7	Actuator Assembly Installation	76.6

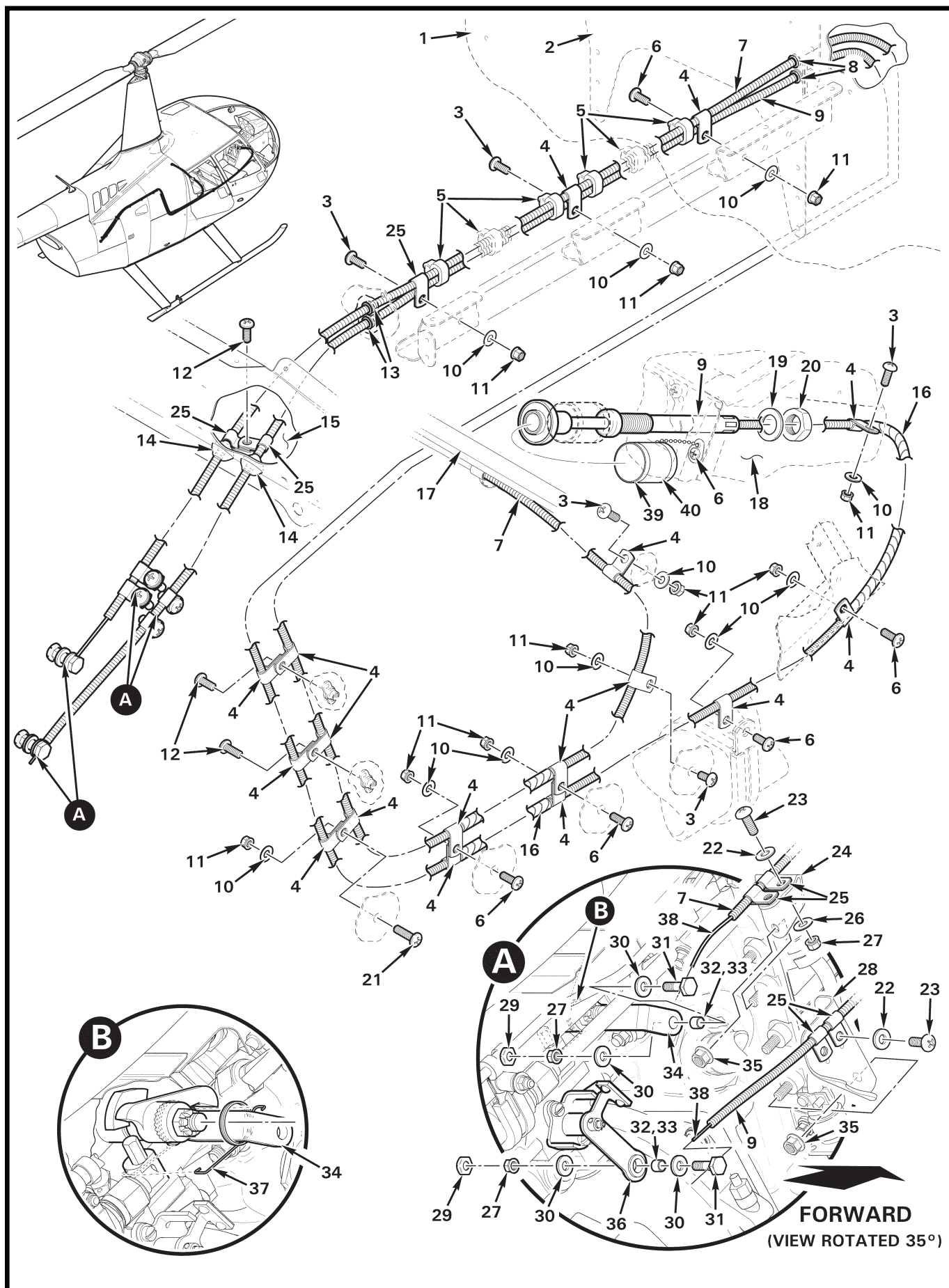


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FUEL CONTROL UNIT CONTROLS INSTALLATION		
76-1-1	G259-1	Panel (Bulkhead; Ref)		
2	F386-2	Panel (Ref)		
3	MS27039C0806	Screw	X	5
4	AN742-3	Clamp	X	17
5	MS3367-7-9	Ty-rap (around items 7 and 9, [6 places])	X	6
6	MS27039C0807	Screw	X	6
7	C522-10	Control – Throttle (Incl item 38; see also Figure 67-21)	X	1
8	NAS557-4B	Grommet	X	2
9	A522-10	Control – Fuel Cutoff (Incl items 19, 20, and 38)	X	1
10	NAS1149FN816P	Washer	X	11
11	MS21042L08	Nut	X	11
12	MS27039C0808	Screw	X	3
13	NAS557-4A	Grommet (install using item 14)	X	2
14	B270-5	Sealant	X	A/R
15	G023-1	Ceiling Assembly – Baggage Compartment (Ref)		
16	B161-4	Spirap (2 places)	X	A/R
17	F758-1	Collective Stick Assembly (Ref, see Figure 67-21)		
18	F359-2	Panel (Ref)		
19	—	Washer	O	1
20	—	Nut	O	1
21	MS27039C0809	Screw	X	1
22	NAS1149F0363P	Washer	X	4
23	MS27039C1-08	Screw	X	4
24	F577-3	Bracket	X	1
25	AN742-4	Clamp	X	7
26	NAS1149F0332P	Washer	X	2
27	D210-3	Nut	X	3
28	F577-1	Bracket	X	1
29	B330-7	Palnut	X	2
30	C141-26	Washer	X	4
31	A462-4	Fitting	X	2
32	A130-48	Spacer (install using item 33)	X	2
33	A257-1	Grease	X	A/R
34	—	Throttle Arm (Ref)		
35	—	Nut (Ref)		
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FUEL CONTROL UNIT CONTROLS INSTALLATION (Cont'd)		
76-1-36	—	Fuel Cutoff Arm (Ref)		
37	D930-2	Spring	X	1
38	SSW-050-C522-10	Inner Wire	X	2
39	A950-3	Guard Assembly – Fuel Cutoff Control (Incl item 40)	X	1
40	A654-45	Decal – "FUEL CONTROL..."	X	1
NOTES				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		COOLING DUCT BOX ASSEMBLIES		
79-3-1	F306-1	Box Assembly (install using item 14)	X	1
2	F020-1	Upper Frame (Ref)		
3	F236-1	Scroll Assembly (Ref)		
4	G174-1	Fanwheel Assembly (Ref; see Figure 65-1)		
5	MS27039C0805	Screw	X	11
6	G234-1	Firewall (Ref)		
7	F649-1	Oil Cooler (engine, Ref)		
8	F309-1	Box Assembly (install using item 14)	X	1
9	NAS1149FN816P	Washer	X	15
10	MS21042L08	Nut	X	19
11	NAS1149FN832P	Washer	X	12
12	MS27039C0807	Screw	X	12
13	C649-4	Oil Cooler (main rotor gearbox, Ref)		
14	A701-1	Tape – Aluminum Foil (to cover all interior gaps)	X	A/R
NOTES				

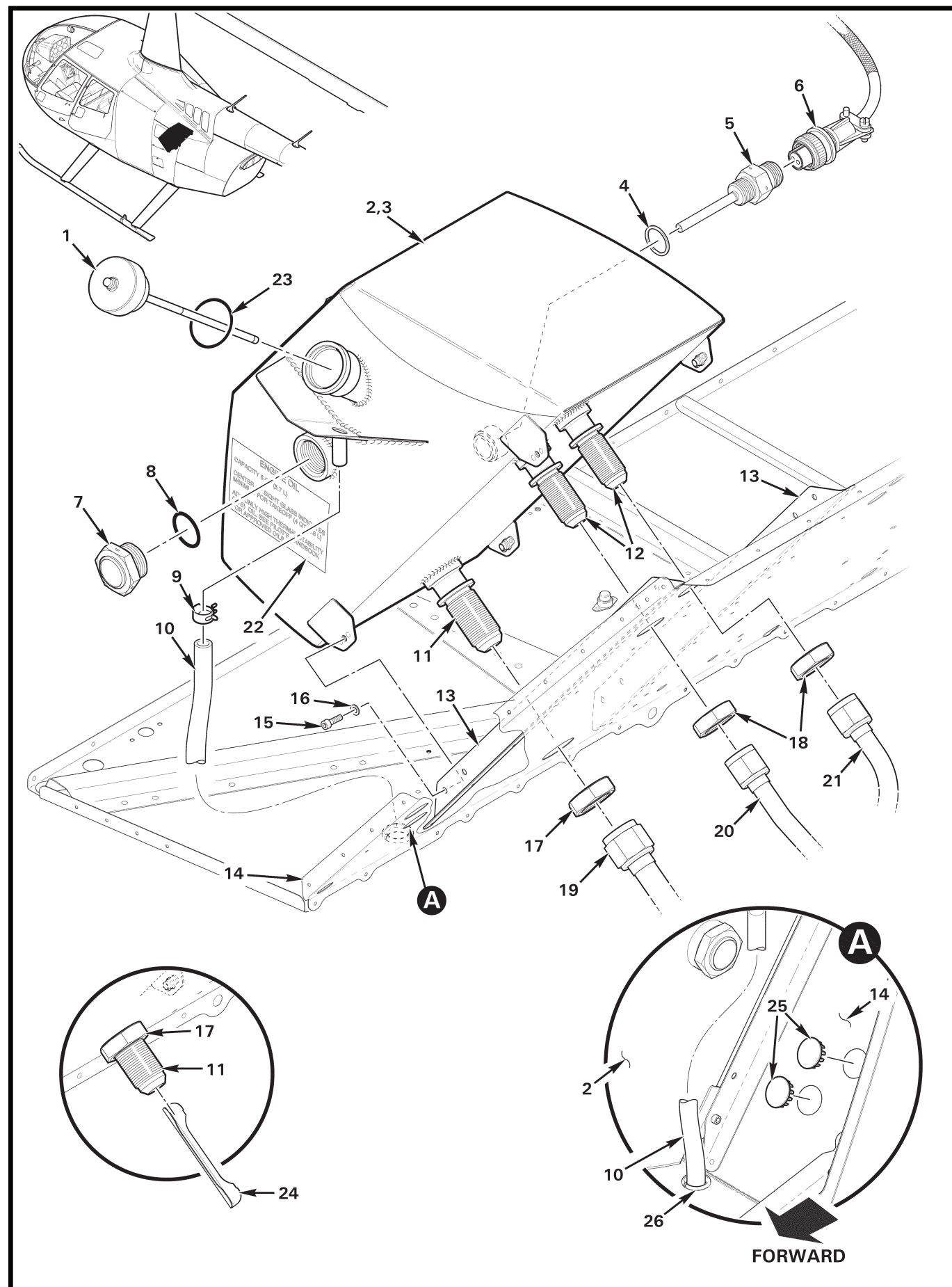
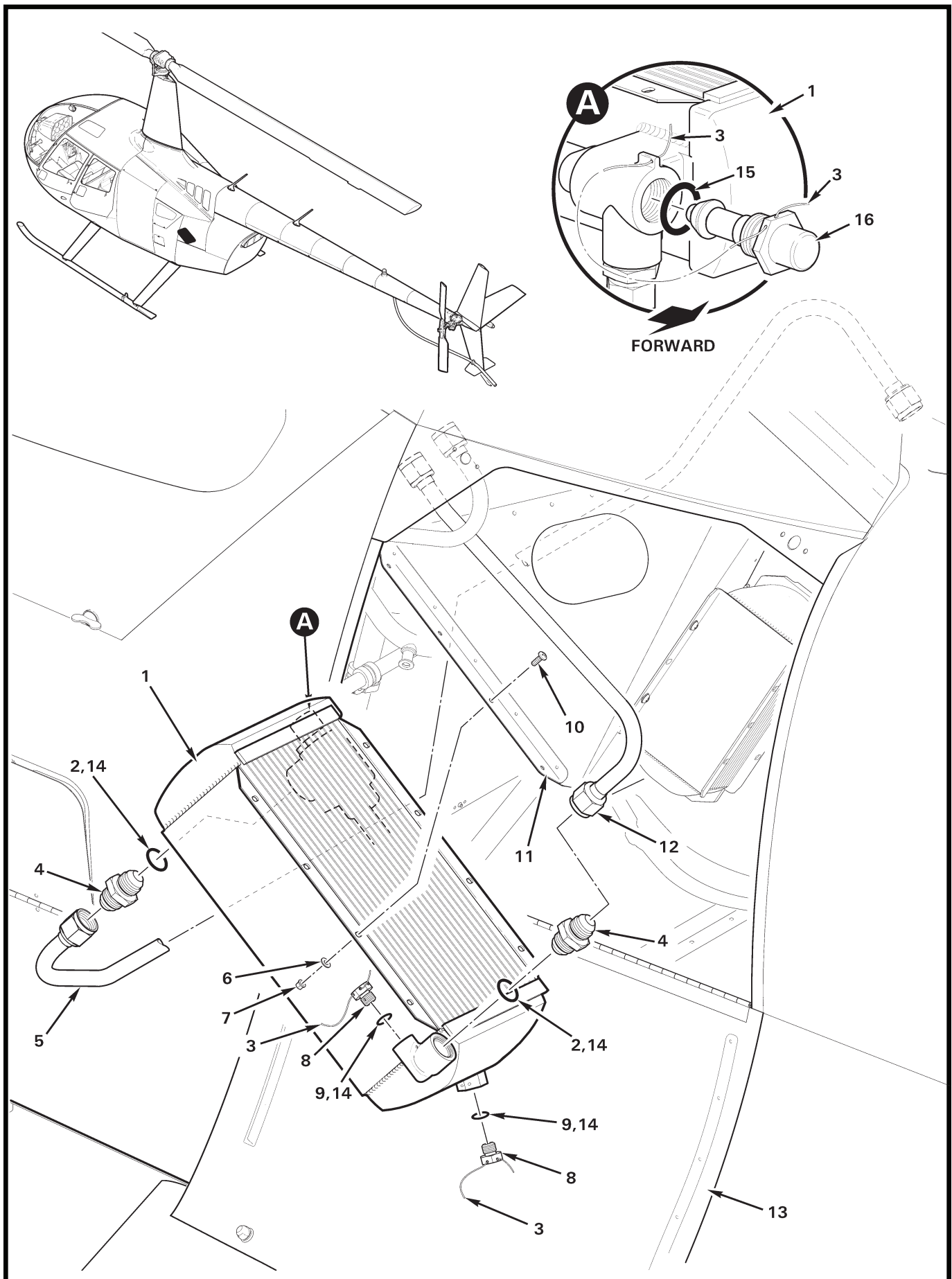


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ENGINE – OIL TANK INSTALLATION		
79-5-1	G723-1	Dipstick (Incl item 23)	X	1
2	G689-1	Oil Tank Assembly (Incl items 11 and 12)	X	1
3	A257-23	Oil	X	A/R
4	MS29561-015	Packing (install using A257-18 lube).	X	1
5	MS28034-1	Oil Temp Sender (discard gasket)	X	1
6	F859-1	Harness Assembly (Ref)		
7	B563-2	Sight Gage	X	1
8	A215-020	O-Ring (install using A257-18 lube)	X	1
9	D277-8	Clamp	X	1
10	A729-46	Tube (Ref)		
11	—	Fitting (Ref)		
12	—	Fitting (Ref)		
13	F384-3	Angle	X	2
14	F234-1	Firewall (Ref)		
15	NAS1352-08-8P	Screw	X	4
16	NAS1149FN816P	Washer	X	4
17	A880-1010	Nut	X	1
18	A880-1008	Nut	X	2
19	F723-1	Line Assembly (Ref)		
20	F723-4	Line Assembly (Ref)		
21	F723-3	Line Assembly (Ref)		
22	F654-3	Decal	X	1
23	74068*	O-ring	X	1
24	G805-1	Angle (Installed in G689-1 oil tanks rev. J and prior. See R66 SB-21 for additional information.)	X	1
25	B209-2	Plug (installed when A/C system not installed)	X	A/R
26	NAS557-8A	Grommet	X	1
NOTES * Lycoming part number.				



CHAPTER 96

ELECTRICAL SYSTEM

<i>Figure</i>	<i>Title</i>	<i>Page</i>
96-1	B237-7 (Standard) Battery Installation	96.0
96-3	B237-8 (Large) Battery Installation	96.2
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96-13	External Power Plug Installation	96.12
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96-21	Circuit Breaker Panel	96.20
96-23	Hourmeter and Collective-Activated Switches Installation	96.22
96-27	Accessory Bars Installation	96.26
96-31	Starter Generator Relay and Battery Minder Installation	96.30
96-35	Lithium-Ion Battery Indicator Lights	96.34
96-37	Anti-Ice Switch Installation	96.36
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96-43	Electrical Relay Installation	96.42
96-45	Cockpit Camera Installation	96.44

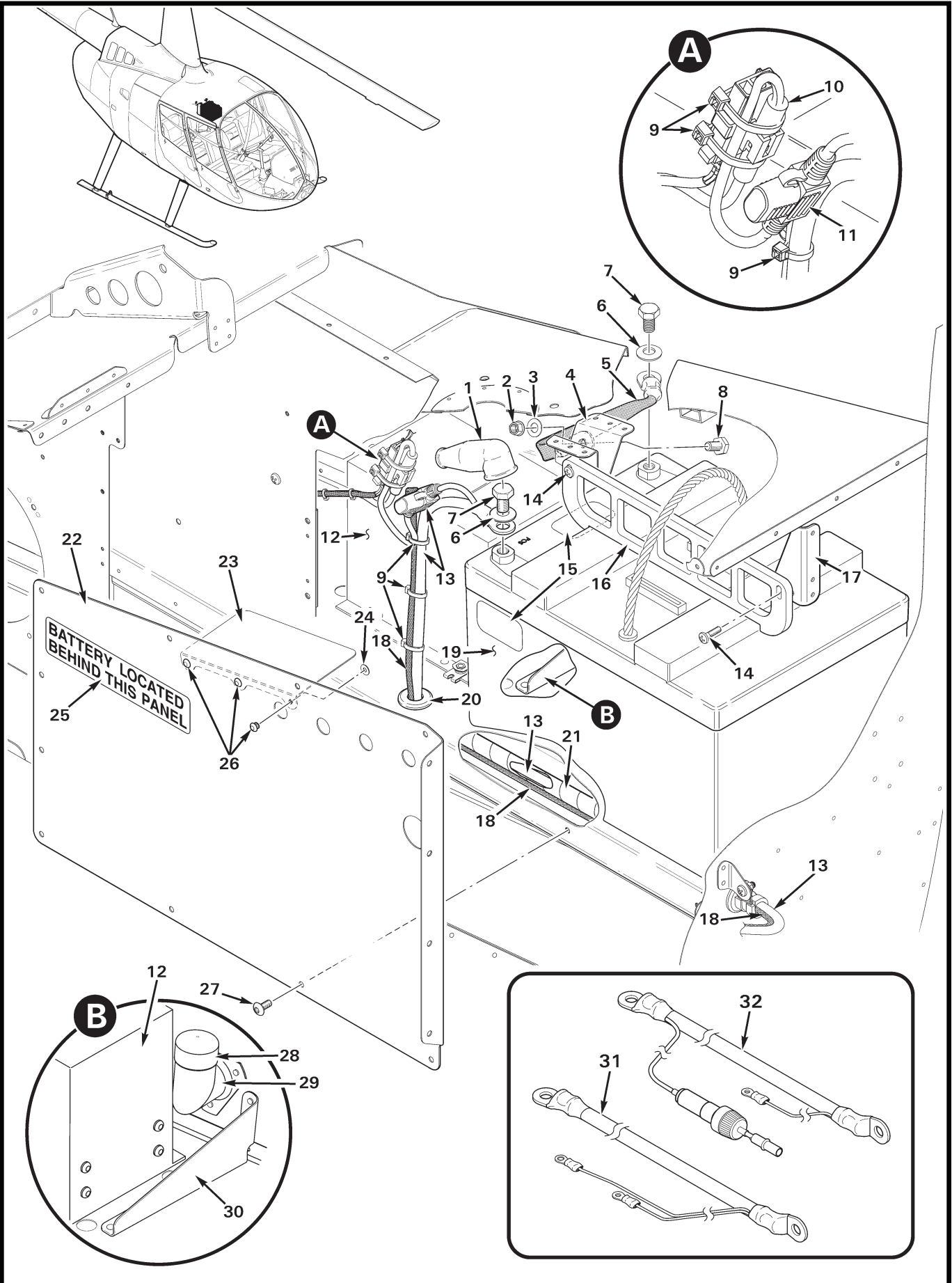


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		B237-7 (STANDARD) BATTERY INSTALLATION		
96-1-1	MS25171-2S	Nipple	X	1
2	D210-4	Nut	X	1
3	NAS1149F0432P	Washer	X	1
4	G130-5	Channel (Ref)		
5	A780-2	Cable Assembly (negative)	X	1
6	—	Washer (conical)	O	2
7	—	Bolt (hex head, M8)	O	2
8	AN4-3A	Bolt	X	1
9	MS3367-5-9	Ty-Rap	X	A/R
10	B263-61	Plug	X	1
	B263-56	Socket (not shown)	X	1
11	D262-12	Fuse Holder	X	1
	D275-230	Fuse (not shown)	X	1
12	RR30000466	Generator Control Unit (Ref)		
13	A780-76*	Cable Assembly (Positive; ship S/N 0860 and subsequent. Includes items 10 and 11.)	X	1
14	MS27039C0809	Screw	X	2
15	9589**	Decal – "DO NOT OVER TORQUE..."	X	1
16	G131-4	Plate	X	1
17	G130-4	Angle (Ref)		
18	F859-2819/-2882	Wires (Ref)		
19	B237-7	Battery (RG24-20**); includes items 6, 7, and 15)	X	1
20	MS35489-13	Grommet	X	1
21	B161-8	Spirap	X	A/R
22	G248-8	Cover Assembly (Incl items 23 thru 26)	X	1
23	G248-7	Guard	X	1
24	NAS1149FN416P	Washer	X	3
25	F654-24	Decal	X	1
26	SR-3035B	Rivet	X	3
27	B526-6	Screw	X	14
28	A959-12	Cap (black vinyl)	X	1
29	A372-11	Weldment (Ref)		
30	G130-6	Angle (Ref)		
31	A780-78	Cable Assembly (positive; ship S/N 0003 thru 0519)	X	1
32	A780-74	Cable Assembly (positive; ship S/N 0520 thru 0859)	X	1
NOTES * For ship S/N 0859 and prior, refer to KI-262 R66 Lead-Acid Battery Installation Upgrade Kit Instructions. See www.robinsonheli.com for kit contents and instructions. ** Concorde part number.				

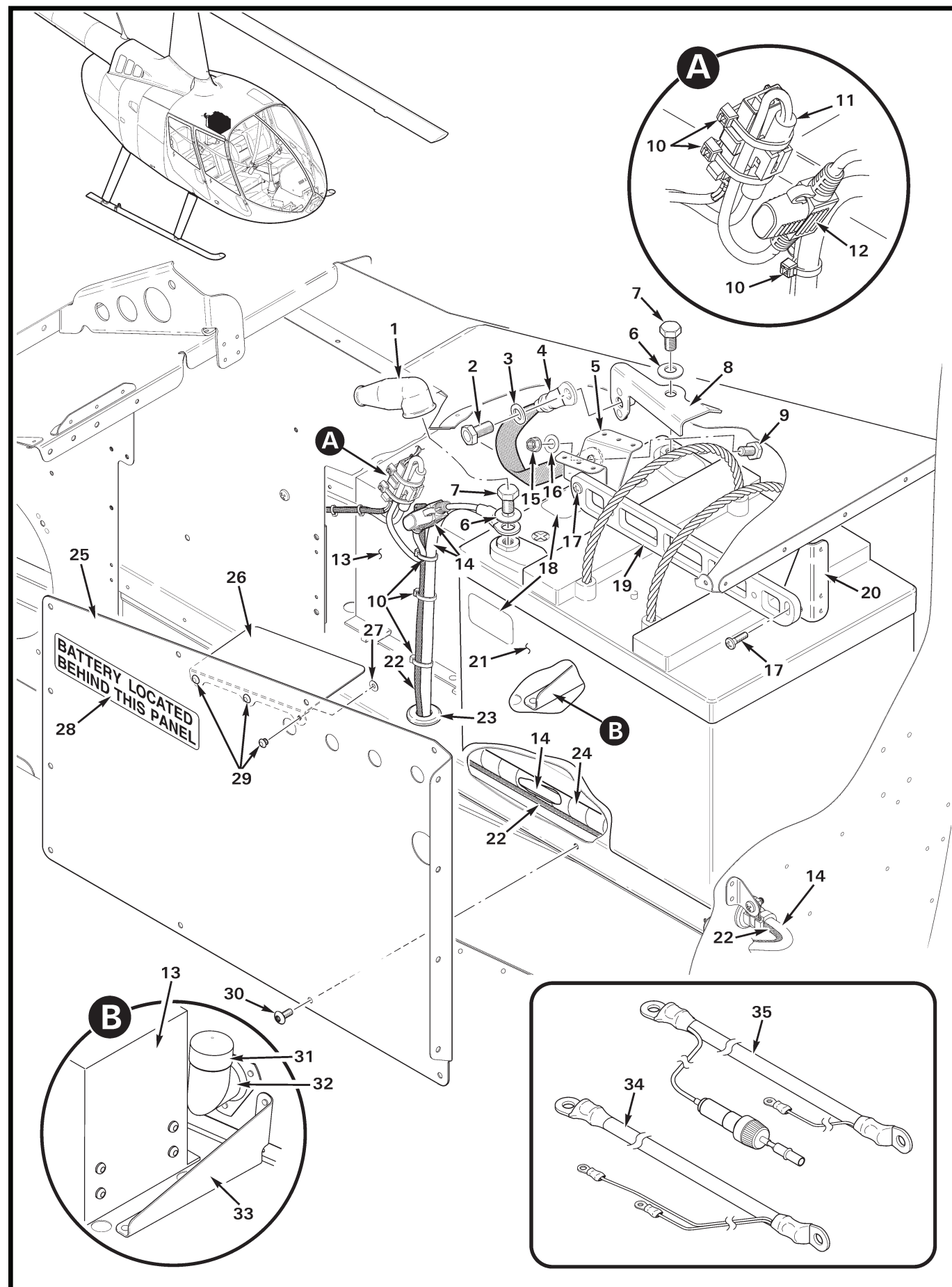


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		B237-8 (LARGE) BATTERY INSTALLATION		
96-3-1	MS25171-2S	Nipple	X	1
2	NAS6605-3	Bolt	X	1
3	NAS1149F0563P	Washer	X	1
4	A780-2	Cable Assembly (negative)	X	1
5	G130-5	Channel (Ref)		
6	—	Washer (conical)	O	2
7	—	Bolt (hex head, M8)	O	2
8	G131-5	Terminal Assembly	X	1
9	AN4-3A	Bolt	X	1
10	MS3367-5-9	Ty-Rap	X	A/R
11	B263-61	Plug	X	1
	B263-56	Socket (not shown)	X	1
12	D262-12	Fuse Holder	X	1
	D275-230	Fuse (not shown)	X	1
13	RR30000466	Generator Control Unit (Ref)		
14	A780-76*	Cable Assembly (Positive, ship S/N 0860 and subsequent. Includes items 11 and 12.)	X	1
15	D210-4	Nut	X	1
16	NAS1149F0432P	Washer	X	1
17	MS27039C0809	Screw	X	2
18	9589**	Decal – "DO NOT OVER TORQUE..."	X	1
19	G131-2	Plate	X	1
20	G130-4	Angle (Ref)		
21	B237-8	Battery (RG-325**, includes items 6, 7, and 18)	X	1
22	F859-2819/-2882	Wires (Ref, provision for lithium-ion battery installation)		
23	MS35489-13	Grommet	X	1
24	B161-8	Spirap	X	A/R
25	G248-8	Cover Assembly (Incl items 26 thru 29)	X	1
26	G248-7	Guard	X	1
27	NAS1149FN416P	Washer	X	3
28	F654-24	Decal	X	1
29	SR-3035B	Rivet	X	3
30	B526-6	Screw	X	14
31	A959-12	Cap (black vinyl)	X	1
32	A372-11	Weldment (Ref)		
NOTES * For ship S/N 0859 and prior, refer to KI-262 R66 Lead-Acid Battery Installation Upgrade Kit Instructions. See www.robinsonheli.com for kit contents and instructions. ** Concorde part number.				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
96-3-33		B237-8 (LARGE) BATTERY INSTALLATION (Cont'd)		
	G130-6	Angle (Ref)		
	34 A780-78	Cable Assembly (positive, ship S/N 0003 thru 0519)	X	1
	35 A780-74	Cable Assembly (positive, ship S/N 0520 thru 0859)	X	1
NOTES				

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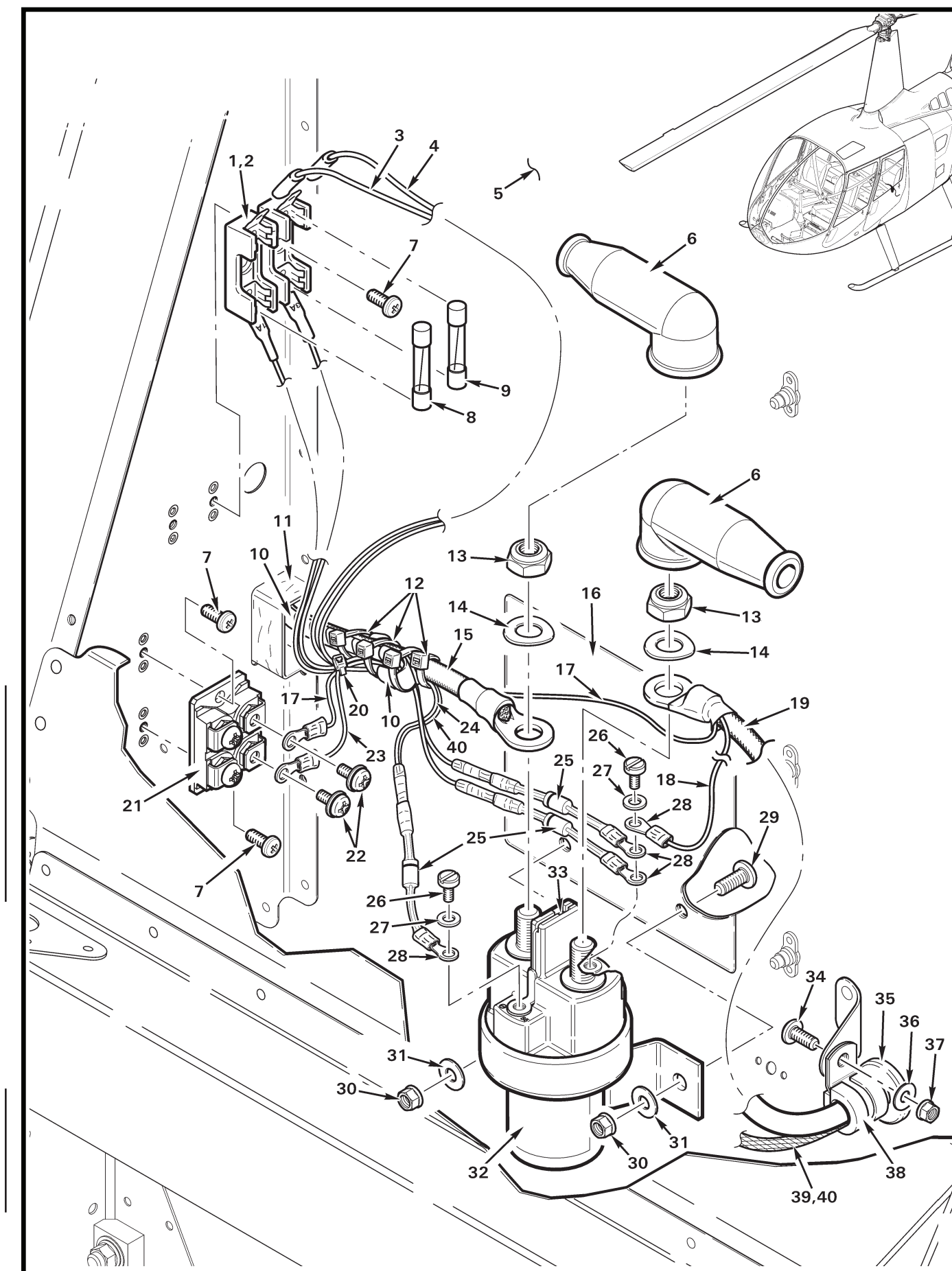


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		BATTERY RELAY INSTALLATION		
96-5-1	B304-12	Diode Assembly (Includes items 2, 8, 9, 25 [2], 28, wires, splices, and heat shrink as an assembly.)	X	1
2	D262-2	Fuse Block	X	1
3	F859-2291	Wire (Ref)		
	F059-2322	Wire (Ref; earlier ships with aft power receptacle)		
4	F859-66	Wire (Ref)		
	F059-66	Wire (Ref; earlier ships with aft power receptacle)		
5	G259	Bulkhead – Lower (Ref)		
6	MS25171-2S	Nipple	X	2
7	MS35206-228	Screw	X	A/R
8	D275-201	Fuse (1 amp)	X	1
9	D275-203	Fuse (3 amp)	X	1
10	B161-8	Spirap	X	A/R
11	A701-1	Tape (foil)	X	A/R
12	MS3367-5-9	Ty-Rap (large)	X	A/R
13	MS21044B5	Nut	O	2
14	O1000424	Washer	X	2
15	A780-58	Cable Assembly	X	1
16	C452-5	Guard (clear plastic)	X	1
17	A780-2242	Wire (Ref; earlier ships with aft power receptacle)		
18	A780-64	Wire (Ref)		
19	A780-76	Cable Assembly (Ref, includes items 18 and terminals, assembled)	X	1
20	MS3367-3-9	Ty-Rap (small)	X	A/R
21	STPS80H100TV	Rectifier (Incl item 22; earlier ships with aft power receptacle)	X	1
22	—	Screw	O	4
23	F059-2324	Wire (Ref; earlier ships with aft power receptacle)		
24	F859-65	Wire (Ref)		
	F059-65	Wire (Ref; earlier ships with aft power receptacle)		
25	D275-102	Diode	X	3
26	O1003621	Screw	X	2
27	O1004635	Washer	X	2
28	B260-2	Terminal	X	2
29	MS27039C1-07	Screw	X	2
30	D210-3	Nut	X	2
NOTES				
Continues				

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		BATTERY RELAY INSTALLATION (Cont'd)		
96-5-31	NAS1149F0332P	Washer	X	2
32	B415-2	Relay (Incl items 13, 14, 26, 27, and 33)	X	1
33	01009214	Suppression Diode Assembly	X	1
34	MS27039C0806	Screw	X	1
35	MS35489-13	Grommet	X	1
36	NAS1149FN816P	Washer	X	1
37	MS21042L08	Nut	X	1
38	MS21919WDG6	Clamp	X	1
39	F859-2819*	Wire (white, Ref)		
	F859-2819*	Wire (blue, Ref)		
40	F859-2882	Wire (Ref)		
NOTES * For use when lithium-ion battery is installed.				

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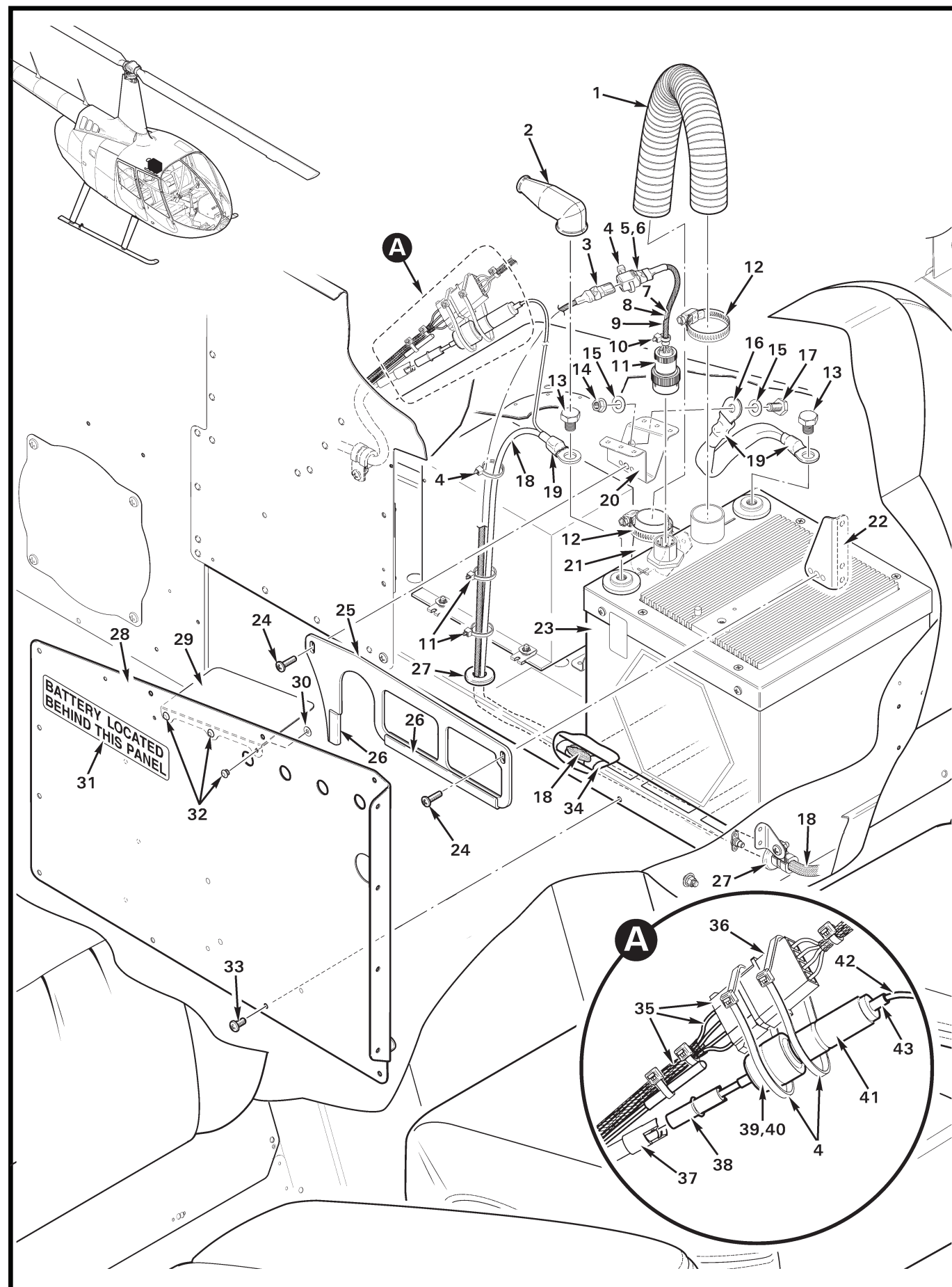


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		LITHIUM-ION BATTERY INSTALLATION		
96-9-1	A785-40	Hose	X	1
2	MS25171-2S	Nipple	X	1
3	D262-2	Receptacle (Ref)		
4	MS3367-4-9	Ty-Rap	X	A/R
5	F693-6	Harness Assembly (Incl items 6 thru 11)	X	1
6	D269-1	Plug (includes [3] M39029/58-360 pins).	X	1
7	-2819	Wire (Ref, white)		
8	-2819	Wire (Ref, blue)		
	-2882	Wire (Ref, white)		
9	B266-4	Sleeving	X	A/R
10	MS3367-4-0	Ty-Rap	X	1
11	9018048*	Plug	O	1
12	B277-12	Clamp	X	2
13	—	Bolt (8mm)	O	2
14	D210-4	Nut	X	1
15	NAS1149F0432P	Washer	X	2
16	A780-2	Cable Assembly (Incl item 19)	X	1
17	AN4-3A	Bolt	X	1
18	A780-76	Cable Assembly (Incl items 19 and 38 thru 43)	X	1
19	B158-8	Heat Shrink	X	A/R
20	G130-5	Channel (Ref)		
21	A372-11	Weldment (Ref)		
22	G130-4	Angle (Ref)		
23	D237-2	Battery (24 volt, lithium-ion; includes item 13)	X	1
24	MS27039C0806	Screw	X	2
25	G131-9	Plate	X	1
26	A226-11	Trim	X	A/R
27	MS35489-13	Grommet	X	2
28	G248-8	Cover Assembly (Incl items 29 thru 32)	X	1
29	G248-7	Guard	X	1
30	NAS1149FN416P	Washer	X	3
31	F654-24	Decal	X	1
32	SR-3055B	Rivet	X	3
33	B526-6	Screw	X	14
34	B161-8	Spirap	X	A/R
NOTES * Mid Continent part no.				
				Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		LITHIUM-ION BATTERY INSTALLATION (Cont'd)		
96-9-35	F049-016	Harness Assembly (Ref, includes item 37)		
	F049-010	Harness Assembly (earlier ships)		
36	B263-16	Housing (Ref, low fuel switch)		
37	B263-10	Housing (Ref)		
38	B263-11	Housing	X	1
	B236-4	Socket	X	1
39	D262-10	Fuse Holder	X	1
40	AGC-15-R	Fuse	X	1
41	B158-408	Heat Shrink (labeled "CH GR" and "15 AMP")	X	A/R
42	-2324	Wire (Ref)		
43	B158-3	Heat Shrink	X	A/R
NOTES				

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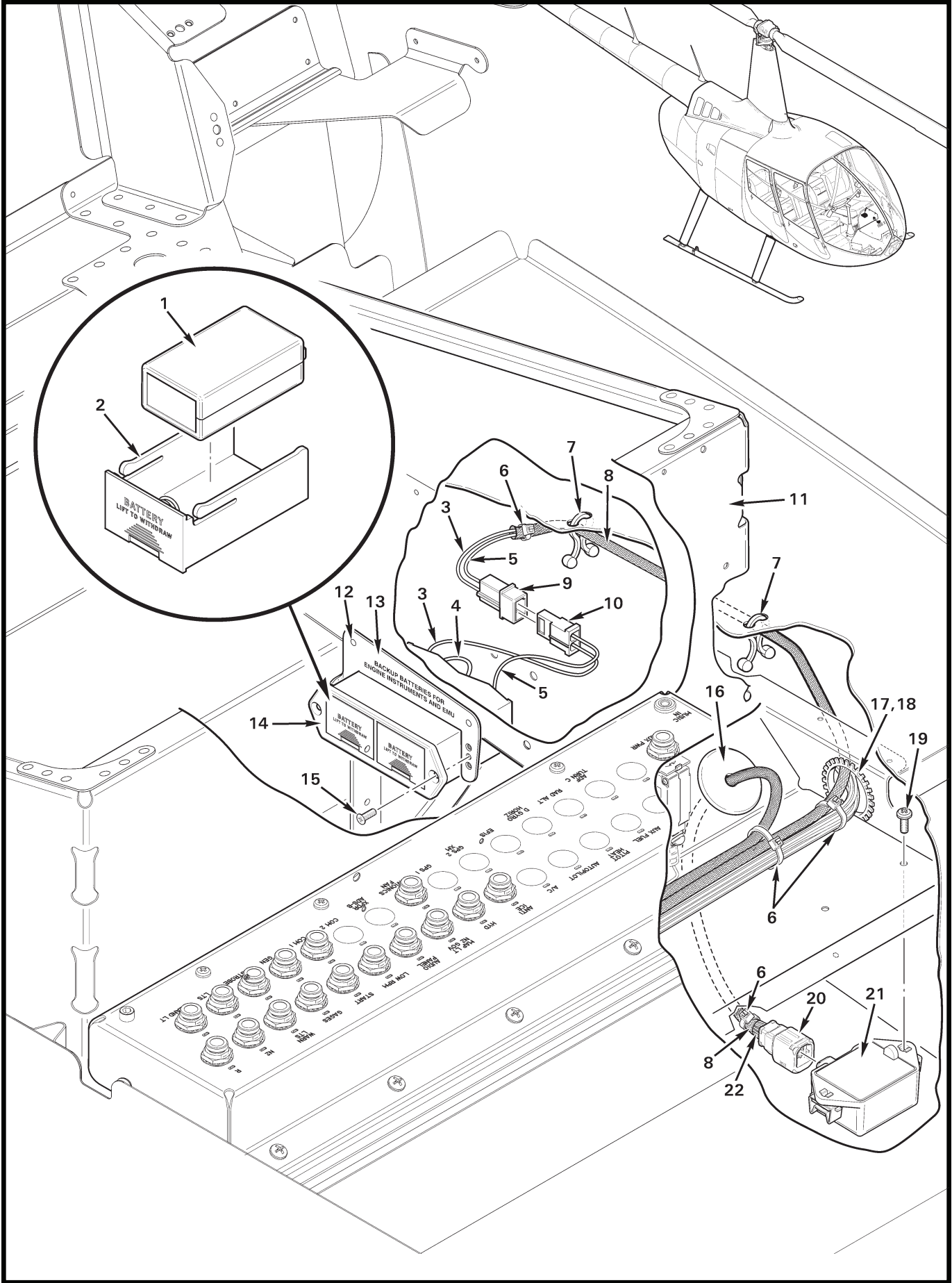
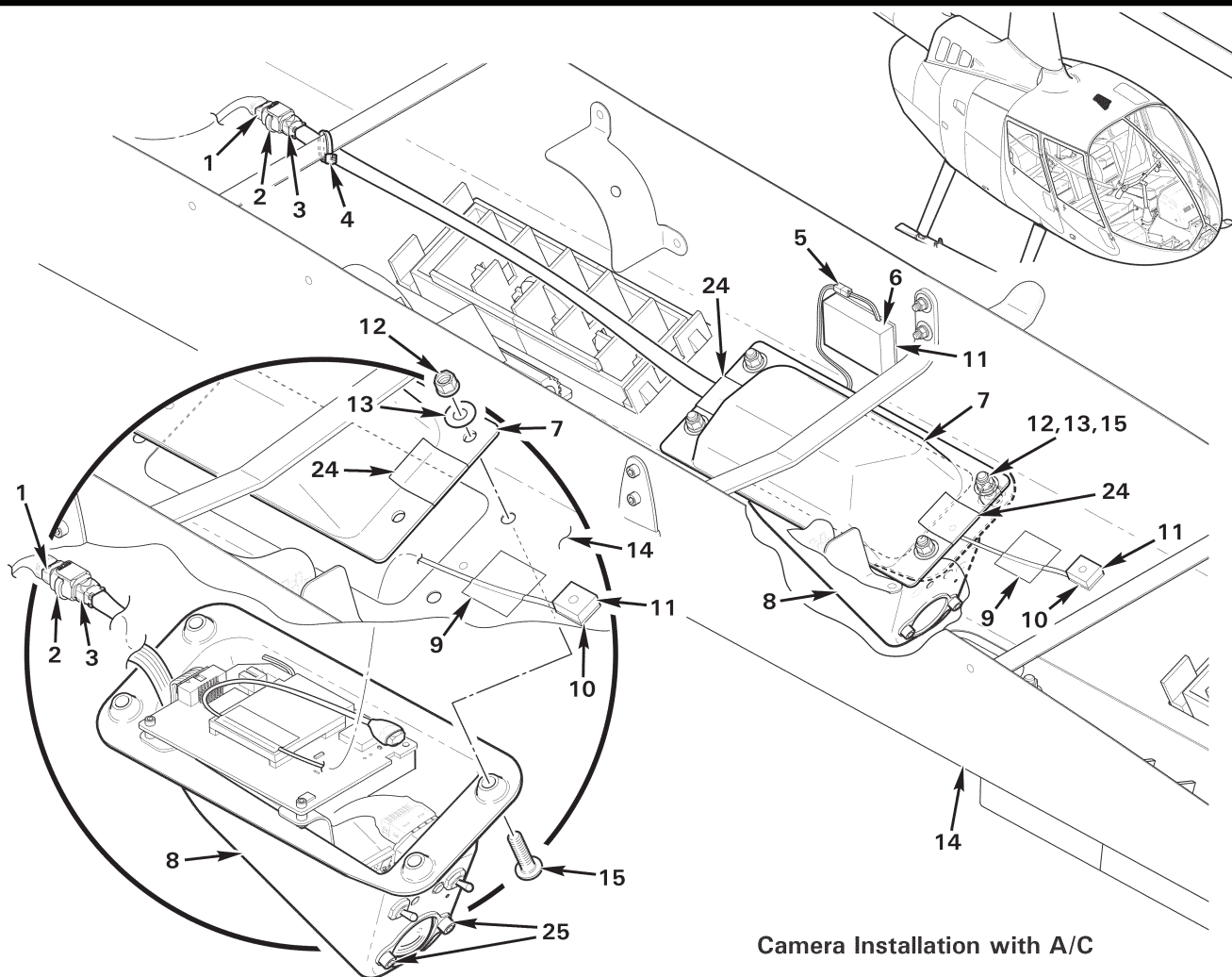
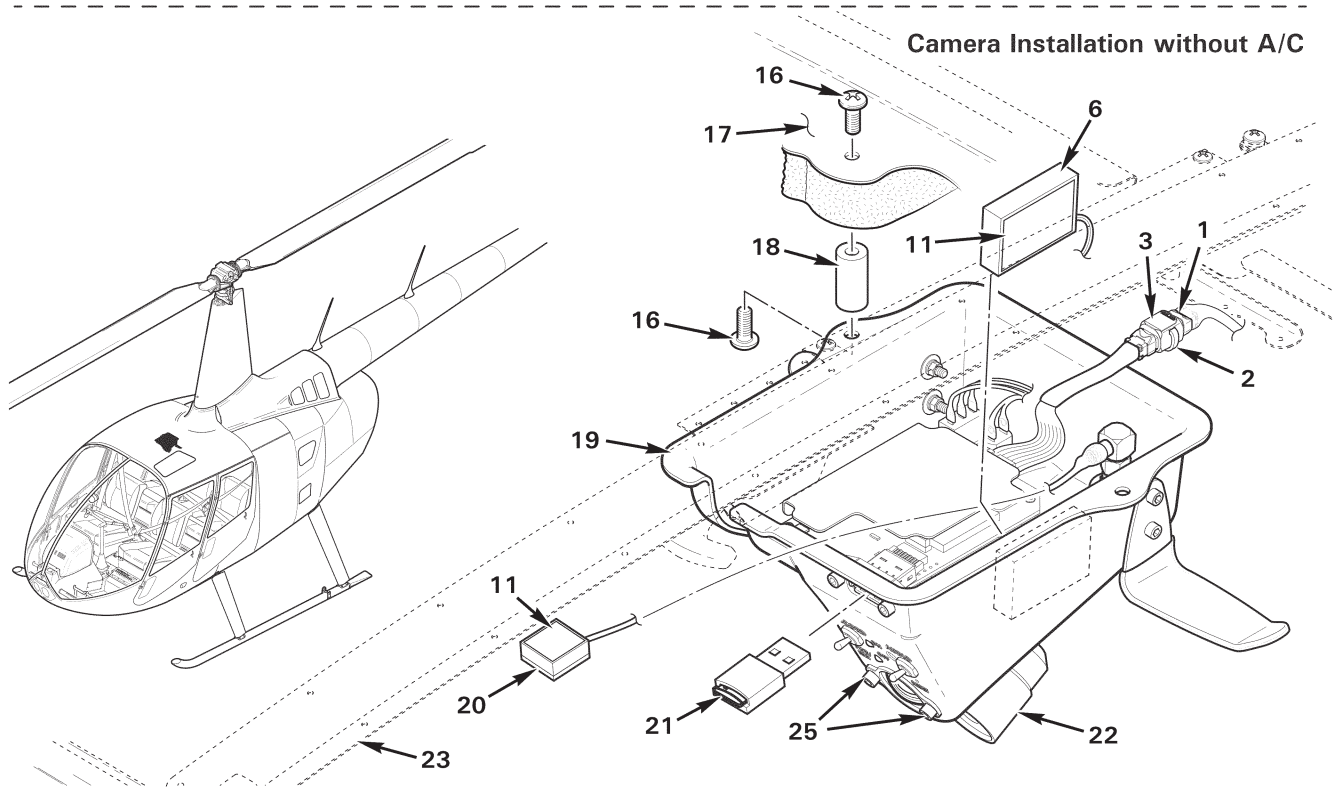


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		ELECTRICAL RELAY INSTALLATION		
96-43-1	MS21042L08	Nut	X	5
2	NAS1149FN816P	Washer	X	5
3	D260-4	Relay (40 amp, 24-volt)	X	5
4	F297-2	Support – Seat (Ref; LH, forward)		
5	MS27039C0806	Screw	X	5
6	D260-6	Connector (Incl item 7 label "LATCH RELAY")	X	1
	B262-6	Receptacle	X	3
	B262-9	Receptacle	X	1
7	B385-12	Label Tape	X	A/R
8	D275-101	Diode	X	2
9	B158-1	Heat Shrink	X	A/R
10	MS3367-4-9	Ty-Rap	X	A/R
11	B267-5	Solder Splice	X	1
12	D260-6	Connector (Incl item 7 label "TACH RELAY")	X	1
	B262-6	Receptacle	X	3
	B262-9	Receptacle	X	1
13	D260-6	Connector (Incl item 7 label "AVIONIC MASTER")	X	1
	B262-6	Receptacle	X	2
	B262-9	Receptacle	X	2
14	D260-6	Connector (Incl item 7 label "LANDING LIGHT")	X	1
	B262-6	Receptacle	X	3
	B262-9	Receptacle	X	1
15	D260-6	Connector (Incl item 7 label "TACH BACKUP")	X	1
	B262-6	Receptacle	X	4
16	F293-1	Panel – Keel (Ref; LH, forward)		
17	F859	Harness Assembly – Electrical (Ref; cabin)		
NOTES				



Camera Installation with A/C



Camera Installation without A/C

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		COCKPIT CAMERA INSTALLATION		
96-45-1	D269-6	Receptacle (Ref; includes [6] M39029/57-354 sockets. Included with F859* main wire harness assembly.)		
2	MS3367-4-9	Ty-Rap (locks connector)	X	1
3	D269-5	Plug (includes [6] M39029/58-360 pins)	X	1
4	MS3367-4-9	Ty-Rap ([1] location on A/C ships)	X	1
5	—	Battery Extension Harness (used on ships with A/C installed)	X	1
6	RV-BATT-LIPO500	Battery (Ref, install using item 11)		
7	F712-4	Cover (install using item 24 [2] places)	X	1
8	F039-3	Enclosure Assembly – Cockpit Camera (with A/C installed; includes items 5, 6, 9 thru 11, and 25 [2])	X	1
9	A701-1	Tape	X	A/R
10	F714-3	Antenna Assembly (install metal side down, using item 11) . .	X	1
11	A701-7	Tape	X	A/R
12	MS21042L08	Nut	X	4
13	NAS1149FN816P	Washer	X	4
14	G796-2	Duct Assembly (Ref)		
15	MS27039C0809	Screw	X	4
16	MS27039C0806	Screw	X	4
17	F273-1	Roof (Ref; see Figure 33-13)		
18	C710-3	Spacer	X	2
19	F039-2	Enclosure Assembly – Cockpit Camera (without A/C installed; includes items 6, 9, 11, 20, 22, and 25 [2])	X	1
20	F714-2	Antenna Assembly (install metal side down, using item 11) . .	X	1
21	F714-4	Flash Drive Assembly	X	1
22	D606-1	Spotlight (Ref)		
23	F238	Support (Ref)		
24	A701-5	Tape (wrap around edge of item 7)	X	A/R
25	NAS1352-04-4	Screw	X	4

26	KI-275-3**	R66 Cockpit Camera Installation Kit Instructions	X	A/R
27	KI-275-5**	R66 (with A/C) Cockpit Camera Installation Kit Instructions . .	X	A/R
NOTES * D275-205 fuse is located in cockpit camera D262 fuse block in circuit breaker panel. ** See www.robinsonheli.com for kit contents and instructions.				

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FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		STANDARD HEADSET JACKS INSTALLATION		
97-57-1	MS27039C0811	Screw (thru roof)	X	2
2	A130-33	Spacer	X	2
3	C710-3	Spacer	X	6
4	TJ-120	Jack	X	4
5	F436-6	Cover Assembly (RH)	X	1
6	MS27039C0806	Screw	X	2
7	MS35206-214	Screw	X	4
8	NAS1149FN416P	Washer	X	4
9	MS21042L04	Nut	X	4
10	A752-3	Angle	X	2
11	2653	Hole Plug	X	3
12	A142-5	Screw	X	8
13	MS27039C0808	Screw	X	2
14	A130-37	Spacer	X	2
15	F439-1	Duct (Ref)		
16	F436-5	Cover Assembly (LH)	X	1
	F436-1	Cover Assembly (LH; earlier ships)	O	1
17	AN526C832R6	Screw	X	6
18	C710-1	Cover (RH and LH)	X	2
19	MS27039C0805	Screw	X	6
NOTES				

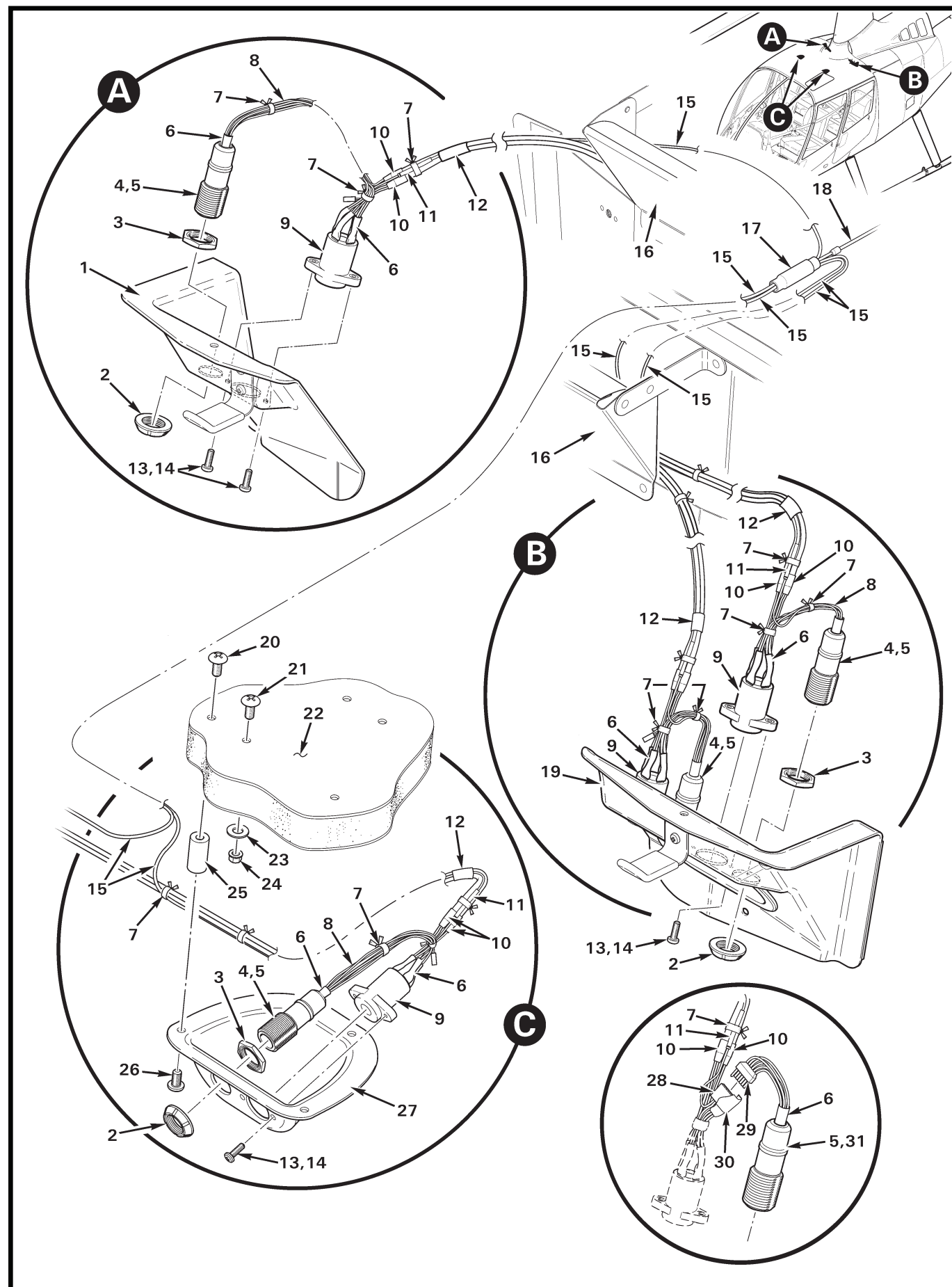


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		BOSE HEADSET JACKS INSTALLATION		
97-59-1	F436-6*	Cover Assembly (RH, aft; Ref)		
2	R5694	Nut (brass, black chromed)	X	1
3	—	Nut (hex)	O	1
4	D746-4	Wire Harness Assembly (Incl items 5, 6, and 8)	X	1
5	D746-2	Connector Kit (Incl items 2 and 3)	O	1
6	B158-3	Heat Shrink	X	A/R
7	B268-3	Lacing Tape	X	A/R
8	—	Wires (labeled, Ref)	O	6
9	TJ-120*	Jack (Ref, see Figure 97-57)		
10	B158-2	Heat Shrink	X	A/R
11	B267-5	Wire Splice	X	5
12	B158-4	Heat Shrink (labeled)	X	A/R
13	A142-5	Screw (install using item 14)	X	10
14	B270-20	Adhesive	X	A/R
15	F859-2221	Wire (Ref)		
16	F437-1	Duct (Ref)		
17	B267-6	Solder Splice	X	1
18	F859-1492	Wire (power from audio, Ref)		
19	F436-5*	Cover Assembly (LH, aft; Ref)		
20	AN526C832R6	Screw (do not substitute MS27039 screws)	X	8
21	AN526C832R6**	Screw (this location only)	X	1
22	F273-1	Roof (Ref)		
23	NAS1149FN816P	Washer	X	1
24	MS21042L08	Nut	X	1
25	C710-3	Spacer	X	8
26	MS27039C0805	Screw	X	8
27	C710-4	Cover	X	2
28	837062907**	Connector Assembly	X	1
29	837061905**	Connector Assembly	X	1
30	B158-6**	Heat Shrink	X	A/R
31	D746-3**	Wire Harness Assembly (Incl items 5 and 29)	X	5
NOTES * See Figure 97-57. ** R66 ship S/N 0520, and 0522 thru 1006.				

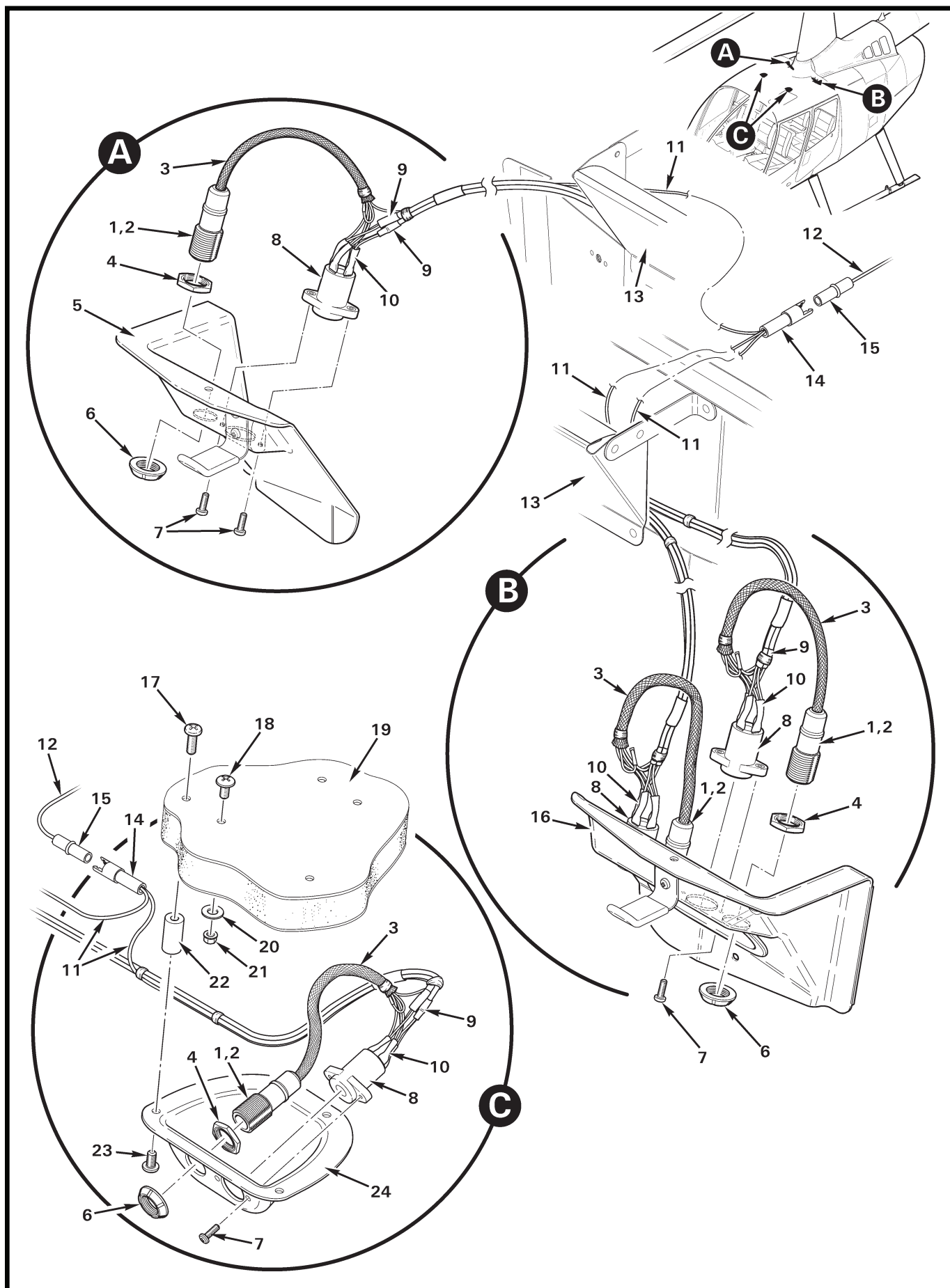


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		R66 TECHNICAL PUBLICATIONS		
99-3-1	R8345	R66 Maintenance Manual (Incl items 2 thru 4)	X	1
2	R8346	R66 Maintenance Manual – Binder	X	1
3	R8348	R66 Maintenance Manual – Tabs	X	1
4	R8347	R66 Maintenance Manual – Insert	O	1
5	R8349	R66 Illustrated Parts Catalog (Incl items 6 thru 8)	X	1
6	R8350	R66 Illustrated Parts Catalog – Binder	X	1
7	R8352	R66 Illustrated Parts Catalog – Tabs	X	1
8	R8351	R66 Illustrated Parts Catalog – Insert	O	1
9	R8656	Maintenance Record – Binder	X	1
10	R8650	Maintenance Record – Tabs	X	1
11	R8478	Maintenance Record – Insert (Incl item 12)	X	1
12	R8479	Maintenance Record – Component Cards (pack of 20)	X	1
13	R8344	R66 Pilots Operating Handbook (Incl items 14 thru 16)	X	1
14	R8342	R66 Pilots Operating Handbook – Binder	X	1
15	R7226	R66 Pilots Operating Handbook – Tabs	X	1
16	R8343	R66 Pilots Operating Handbook – Insert	O	1
17	R7042	Flight Training Guide	X	1
18	R7231	Flight Training Guide – Binder	X	1
19	R7232	Flight Training Guide – Tabs	X	1
20	R7227	Flight Training Guide – Insert	O	1
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25.34	SEP 2018	28.21	JAN 2023	29.6	MAY 2015
25.35	SEP 2018	28.22	JAN 2023	29.7	MAY 2015
25.36	SEP 2018	28.23	SEP 2020	29.8	MAY 2015
25.37	SEP 2018	28.24	SEP 2020	29.9	MAY 2015
25.38	SEP 2018	28.25	JAN 2023	29.10	MAY 2015
25.39	SEP 2018	28.26	JAN 2023	29.11	MAY 2015
25.40	SEP 2018	28.27	JAN 2023	29.12	MAY 2015
25.41	SEP 2018	28.28	JAN 2023		

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32.i.....	SEP 2020	33.14.....	MAY 2015	53.2.....	SEP 2018
32.0.....	SEP 2020	33.15.....	SEP 2018	53.3.....	SEP 2018
32.1.....	SEP 2020	33.16.....	SEP 2018	53.4.....	SEP 2018
32.2.....	SEP 2020			53.5.....	MAY 2015
32.3.....	MAY 2015	52.i.....	SEP 2020	53.6.....	MAY 2015
32.4.....	MAY 2015	52.0.....	SEP 2020	53.7.....	SEP 2018
32.5.....	SEP 2018	52.1.....	SEP 2018	53.8.....	SEP 2018
32.6.....	SEP 2018	52.2.....	SEP 2018	53.9.....	SEP 2012
32.7.....	SEP 2018	52.3.....	JAN 2023	53.10.....	SEP 2012
32.8.....	SEP 2018	52.4.....	JAN 2023	53.11.....	SEP 2018
32.9.....	MAY 2015	52.5.....	JAN 2023	53.12.....	SEP 2018
32.10.....	MAY 2015	52.5A.....	JAN 2023	53.13.....	JAN 2023
32.11.....	SEP 2018	52.5B.....	JAN 2023	53.14.....	JAN 2023
32.12.....	SEP 2018	52.6.....	JAN 2023	53.15.....	JAN 2023
32.13.....	MAY 2015	52.7.....	SEP 2012	53.16.....	JAN 2023
32.14.....	MAY 2015	52.8.....	SEP 2012	53.17.....	SEP 2018
32.15.....	MAY 2015	52.9.....	JAN 2023	53.18.....	SEP 2018
32.16.....	MAY 2015	52.10.....	JAN 2023	53.19.....	MAY 2015
32.17.....	SEP 2020	52.11.....	JAN 2023	53.20.....	MAY 2015
32.18.....	SEP 2020	52.12.....	JAN 2023	53.21.....	MAY 2015
32.19.....	SEP 2020	52.13.....	JAN 2023	53.22.....	MAY 2015
32.20.....	SEP 2020	52.14.....	JAN 2023	53.23.....	SEP 2018
		52.15.....	SEP 2020	53.24.....	SEP 2018
33.i.....	MAY 2015	52.16.....	SEP 2020	53.25.....	SEP 2020
33.0.....	MAY 2015	52.17.....	JAN 2023	53.26.....	SEP 2020
33.1.....	SEP 2018	52.18.....	JAN 2023	53.27.....	SEP 2020
33.2.....	SEP 2018	52.19.....	JAN 2023	53.28.....	SEP 2020
33.3.....	SEP 2018	52.20.....	JAN 2023	53.29.....	SEP 2020
33.4.....	SEP 2018	52.21.....	JAN 2023	53.30.....	SEP 2020
33.5.....	SEP 2020	52.22.....	JAN 2023	53.31.....	MAY 2015
33.6.....	SEP 2020	52.23.....	JAN 2023	53.32.....	MAY 2015
33.7.....	SEP 2020	52.24.....	JAN 2023		
33.8.....	SEP 2020	52.25.....	JAN 2023	62.i.....	SEP 2020
33.9.....	SEP 2018	52.26.....	JAN 2023	62.0.....	SEP 2020
33.10.....	SEP 2018			62.1.....	JAN 2023
33.11.....	MAY 2015	53.i.....	SEP 2018	62.2.....	JAN 2023
33.12.....	MAY 2015	53.0.....	SEP 2018	62.3.....	SEP 2020
33.13.....	MAY 2015	53.1.....	SEP 2018	62.4.....	SEP 2020

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		65.12	MAY 2015	67.33	JAN 2023
63.i	SEP 2018	65.13	SEP 2018	67.33A	JAN 2023
63.0	SEP 2018	65.14	SEP 2018	67.33B	JAN 2023
63.1	SEP 2018			67.34	JAN 2023
63.2	SEP 2018	67.i	JAN 2023	67.35	SEP 2018
63.3	SEP 2018	67.0	JAN 2023	67.36	SEP 2018
63.4	SEP 2018	67.1	JAN 2023	67.37	MAY 2015
63.5	SEP 2018	67.2	JAN 2023	67.38	MAY 2015
63.6	SEP 2018	67.3	JAN 2023	67.39	JAN 2023
63.7	SEP 2018	67.4	JAN 2023	67.40	JAN 2023
63.8	SEP 2018	67.5	MAY 2015	67.41	JAN 2023
63.9	SEP 2018	67.6	MAY 2015	67.42	JAN 2023
63.10	SEP 2018	67.7	MAY 2015	67.43	JAN 2023
63.11	SEP 2018	67.8	MAY 2015	67.44	JAN 2023
63.12	SEP 2018	67.9	SEP 2018	67.45	JAN 2023
63.13	JAN 2023	67.10	SEP 2018	67.46	JAN 2023
63.14	JAN 2023	67.11	SEP 2018	67.47	JAN 2023
63.15	JAN 2023	67.12	SEP 2018	67.48	JAN 2023
63.16	JAN 2023	67.13	MAY 2015		
		67.14	MAY 2015	71.i	JAN 2023
64.i	JAN 2023	67.15	MAY 2015	71.0	JAN 2023
64.0	JAN 2023	67.16	MAY 2015	71.1	JAN 2023
64.1	JAN 2023	67.17	MAY 2015	71.2	JAN 2023
64.2	JAN 2023	67.18	MAY 2015	71.3	JAN 2023
		67.19	MAY 2015	71.4	JAN 2023
65.i	SEP 2018	67.20	MAY 2015	71.5	JAN 2023
65.0	SEP 2018	67.21	MAY 2015	71.5A	JAN 2023
65.1	JAN 2023	67.22	MAY 2015	71.5B	JAN 2023
65.2	JAN 2023	67.23	MAY 2015	71.6	JAN 2023
65.3	JAN 2023	67.24	MAY 2015	71.7	JAN 2023
65.4	JAN 2023	67.25	JAN 2023	71.7A	JAN 2023
65.5	JAN 2023	67.26	JAN 2023	71.7B	JAN 2023
65.6	JAN 2023	67.27	SEP 2018	71.7C	JAN 2023
65.7	SEP 2018	67.28	SEP 2018	71.7D	JAN 2023
65.8	SEP 2018	67.29	MAY 2015	71.8	JAN 2023
65.9	SEP 2020	67.30	MAY 2015	71.9	SEP 2018
65.10	SEP 2020	67.31	JAN 2023	71.10	SEP 2018
65.11	MAY 2015	67.32	JAN 2023	71.11	SEP 2018

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71.12	SEP 2018	79.3	JAN 2023	90.14	SEP 2018
71.13	SEP 2018	79.4	JAN 2023	90.15	SEP 2018
71.14	SEP 2018	79.5	JAN 2023	90.16	SEP 2018
71.15	SEP 2018	79.6	JAN 2023	90.17	SEP 2018
71.16	SEP 2018	79.7	SEP 2020	90.18	SEP 2018
71.17	SEP 2020	79.8	SEP 2020	90.19	SEP 2018
71.18	SEP 2020	79.9	SEP 2020	90.20	SEP 2018
71.19	SEP 2020	79.10	SEP 2020	90.21	SEP 2018
71.20	SEP 2020			90.22	SEP 2018
71.21	SEP 2018	90.i	SEP 2020	90.23	SEP 2020
71.22	SEP 2018	90.ii	SEP 2020	90.24	SEP 2020
71.23	SEP 2020	90.iii	SEP 2020	90.25	SEP 2018
71.24	SEP 2020	90.iv	SEP 2020	90.26	SEP 2018
71.25	SEP 2020	90.v	SEP 2020	90.27	SEP 2018
71.26	SEP 2020	90.vi	SEP 2020	90.28	SEP 2018
71.27	SEP 2020	90.vii	SEP 2020	90.29	SEP 2018
71.28	SEP 2020	90.0	SEP 2020	90.30	SEP 2018
		90.1	SEP 2020	90.31	SEP 2018
75.i	SEP 2012	90.2	SEP 2020	90.32	SEP 2018
75.0	SEP 2012	90.3	SEP 2020	90.33	SEP 2018
75.1	SEP 2012	90.4	SEP 2020	90.34	SEP 2018
75.2	SEP 2012	90.5	SEP 2020	90.35	SEP 2018
		90.5A	SEP 2020	90.36	SEP 2018
76.i	JAN 2023	90.5B	SEP 2020	90.37	SEP 2018
76.0	JAN 2023	90.5C	SEP 2020	90.38	SEP 2018
76.1	JAN 2023	90.5D	SEP 2020	90.39	SEP 2020
76.2	JAN 2023	90.6	SEP 2020	90.39A	SEP 2020
76.3	SEP 2012	90.7	SEP 2020	90.39B	SEP 2020
76.4	SEP 2012	90.7A	SEP 2020	90.39C	SEP 2020
76.5	SEP 2018	90.7B	SEP 2020	90.39D	SEP 2020
76.6	SEP 2018	90.7C	SEP 2020	90.40	SEP 2020
76.7	SEP 2012	90.7D	SEP 2020	90.41	SEP 2020
76.8	SEP 2012	90.8	SEP 2020	90.42	SEP 2020
		90.9	SEP 2018	90.43	SEP 2020
79.i	SEP 2012	90.10	SEP 2018	90.44	SEP 2020
79.0	SEP 2012	90.11	SEP 2018	90.45	SEP 2020
79.1	SEP 2018	90.12	SEP 2018	90.45A	SEP 2020
79.2	SEP 2018	90.13	SEP 2018	90.45B	SEP 2020

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90.45C	SEP 2020	90.74	SEP 2020	92.23	SEP 2018
90.45D	SEP 2020	90.75	SEP 2018	92.24	SEP 2018
90.46	SEP 2020	90.76	SEP 2018	92.25	SEP 2018
90.47	SEP 2020	90.77	SEP 2020	92.26	SEP 2018
90.48	SEP 2020	90.78	SEP 2020	92.27	SEP 2018
90.49	SEP 2020	90.79	SEP 2020	92.28	SEP 2018
90.50	SEP 2020	90.80	SEP 2020	92.29	SEP 2018
90.51	SEP 2020			92.30	SEP 2018
90.52	SEP 2020	92.i	SEP 2018	92.31	SEP 2018
90.53	SEP 2020	92.ii	SEP 2018	92.32	SEP 2018
90.53A	SEP 2020	92.iii	SEP 2018	92.33	SEP 2018
90.53B	SEP 2020	92.iv	SEP 2018	92.34	SEP 2018
90.53C	SEP 2020	92.v	SEP 2018	92.35	SEP 2018
90.53D	SEP 2020	92.vi	SEP 2018	92.36	SEP 2018
90.54	SEP 2020	92.vii	SEP 2018	92.37	SEP 2018
90.55	SEP 2018	92.0	SEP 2018	92.38	SEP 2018
90.56	SEP 2018	92.1	SEP 2018	92.39	SEP 2018
90.57	SEP 2018	92.2	SEP 2018	92.40	SEP 2018
90.58	SEP 2018	92.3	SEP 2018	92.41	SEP 2018
90.59	SEP 2020	92.4	SEP 2018	92.42	SEP 2018
90.60	SEP 2020	92.5	SEP 2018	92.43	SEP 2018
90.61	SEP 2020	92.6	SEP 2018	92.44	SEP 2018
90.62	SEP 2020	92.7	SEP 2018	92.45	SEP 2018
90.63	SEP 2020	92.8	SEP 2018	92.46	SEP 2018
90.64	SEP 2020	92.9	SEP 2018	92.47	SEP 2018
90.65	SEP 2020	92.10	SEP 2018	92.48	SEP 2018
90.66	SEP 2020	92.11	SEP 2018	92.49	SEP 2018
90.67	SEP 2020	92.12	SEP 2018	92.50	SEP 2018
90.68	SEP 2020	92.13	SEP 2018	92.51	SEP 2018
90.69	SEP 2018	92.14	SEP 2018	92.52	SEP 2018
90.70	SEP 2018	92.15	SEP 2018	92.53	SEP 2020
90.71	SEP 2020	92.16	SEP 2018	92.54	SEP 2020
90.71A	SEP 2020	92.17	SEP 2018	92.55	SEP 2018
90.71B	SEP 2020	92.18	SEP 2018	92.56	SEP 2018
90.71C	SEP 2020	92.19	SEP 2018	92.57	SEP 2018
90.71D	SEP 2020	92.20	SEP 2018	92.58	SEP 2018
90.72	SEP 2020	92.21	SEP 2018	92.59	SEP 2018
90.73	SEP 2020	92.22	SEP 2018	92.60	SEP 2018

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92.61	SEP 2020	95.12	SEP 2018	95.50	SEP 2018
92.62	SEP 2020	95.13	SEP 2018	95.51	SEP 2018
92.63	SEP 2018	95.14	SEP 2018	95.52	SEP 2018
92.64	SEP 2018	95.15	SEP 2018		
92.65	SEP 2020	95.16	SEP 2018	96.i	JAN 2023
92.66	SEP 2020	95.17	SEP 2018	96.0	JAN 2023
92.67	SEP 2018	95.18	SEP 2018	96.1	JAN 2023
92.68	SEP 2018	95.19	SEP 2018	96.2	JAN 2023
92.69	SEP 2018	95.20	SEP 2018	96.3	JAN 2023
92.70	SEP 2018	95.21	SEP 2018	96.3A	JAN 2023
92.71	SEP 2018	95.22	SEP 2018	96.3B	JAN 2023
92.72	SEP 2018	95.23	SEP 2018	96.4	JAN 2023
92.73	SEP 2018	95.24	SEP 2018	96.5	JAN 2023
92.74	SEP 2018	95.25	SEP 2020	96.6	JAN 2023
92.75	SEP 2018	95.26	SEP 2020	96.7	JAN 2023
92.76	SEP 2018	95.27	SEP 2020	96.8	JAN 2023
92.77	SEP 2018	95.28	SEP 2020	96.9	JAN 2023
92.78	SEP 2018	95.29	SEP 2020	96.9A	JAN 2023
92.79	SEP 2018	95.30	SEP 2020	96.9B	JAN 2023
92.80	SEP 2018	95.31	SEP 2018	96.10	JAN 2023
92.81	SEP 2018	95.32	SEP 2018	96.11	SEP 2018
92.82	SEP 2018	95.33	SEP 2018	96.12	SEP 2018
		95.34	SEP 2018	96.13	SEP 2018
95.i	SEP 2020	95.35	SEP 2018	96.14	SEP 2018
95.0	SEP 2020	95.36	SEP 2018	96.15	SEP 2020
95.1	SEP 2020	95.37	SEP 2018	96.16	SEP 2020
95.2	SEP 2020	95.38	SEP 2018	96.17	SEP 2020
95.3	SEP 2020	95.39	SEP 2018	96.18	SEP 2020
95.4	SEP 2020	95.40	SEP 2018	96.19	MAY 2015
95.5	SEP 2020	95.41	SEP 2018	96.20	MAY 2015
95.6	SEP 2020	95.42	SEP 2018	96.21	SEP 2018
95.7	SEP 2020	95.43	SEP 2018	96.22	SEP 2018
95.8	SEP 2020	95.44	SEP 2018	96.23	SEP 2018
95.9	SEP 2020	95.45	SEP 2018	96.24	SEP 2018
95.9A	SEP 2020	95.46	SEP 2018	96.25	SEP 2018
95.9B	SEP 2020	95.47	SEP 2018	96.26	SEP 2018
95.10	SEP 2020	95.48	SEP 2018	96.27	SEP 2018
95.11	SEP 2018	95.49	SEP 2018	96.28	SEP 2018

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96.29	SEP 2020	97.16	MAY 2015	97.54	SEP 2018
96.30	SEP 2020	97.17	MAY 2015	97.55	SEP 2018
96.31	SEP 2018	97.18	MAY 2015	97.56	SEP 2018
96.32	SEP 2018	97.19	MAY 2015	97.57	JAN 2023
96.33	SEP 2018	97.20	MAY 2015	97.58	JAN 2023
96.34	SEP 2018	97.21	MAY 2015	97.59	JAN 2023
96.35	SEP 2018	97.22	MAY 2015	97.60	JAN 2023
96.36	SEP 2018	97.23	SEP 2018	97.61	SEP 2018
96.37	SEP 2018	97.24	SEP 2018	97.62	SEP 2018
96.38	SEP 2018	97.25	SEP 2018	97.63	SEP 2018
96.39	SEP 2018	97.26	SEP 2018	97.64	SEP 2018
96.40	SEP 2018	97.27	SEP 2018	97.65	SEP 2018
96.41	SEP 2018	97.28	SEP 2018	97.66	SEP 2018
96.42	SEP 2018	97.29	SEP 2018	97.67	SEP 2018
96.43	JAN 2023	97.30	SEP 2018	97.68	SEP 2018
96.44	JAN 2023	97.31	SEP 2018	97.69	SEP 2018
96.45	JAN 2023	97.32	SEP 2018	97.70	SEP 2018
96.46	JAN 2023	97.33	SEP 2018		
		97.34	SEP 2018	99.i	SEP 2018
97.i	SEP 2018	97.35	SEP 2018	99.0	SEP 2018
97.ii	SEP 2018	97.36	SEP 2018	99.1	SEP 2018
97.iii	MAY 2015	97.37	SEP 2018	99.2	SEP 2018
97.0	MAY 2015	97.38	SEP 2018	99.3	JAN 2023
97.1	MAY 2015	97.39	SEP 2018	99.4	JAN 2023
97.2	MAY 2015	97.40	SEP 2018	99.5	SEP 2018
97.3	MAY 2015	97.41	SEP 2018	99.6	SEP 2018
97.4	MAY 2015	97.42	SEP 2018	99.7	SEP 2018
97.5	MAY 2015	97.43	SEP 2018	99.8	SEP 2018
97.6	MAY 2015	97.44	SEP 2018	99.9	SEP 2018
97.7	MAY 2015	97.45	SEP 2018	99.10	SEP 2018
97.8	MAY 2015	97.46	SEP 2018		
97.9	MAY 2015	97.47	SEP 2018	100.i	SEP 2020
97.10	MAY 2015	97.48	SEP 2018	100.0	SEP 2020
97.11	SEP 2018	97.49	SEP 2018	100.1	JAN 2023
97.12	SEP 2018	97.50	SEP 2018	100.2	JAN 2023
97.13	MAY 2015	97.51	SEP 2018	100.3	JAN 2023
97.14	MAY 2015	97.52	SEP 2018	100.4	JAN 2023
97.15	MAY 2015	97.53	SEP 2018	100.5	JAN 2023

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100.7	JAN 2023				
100.8	JAN 2023				
100.9	JAN 2023				
100.10	JAN 2023				