

CHAPTER 92

E.N.G. VERSION

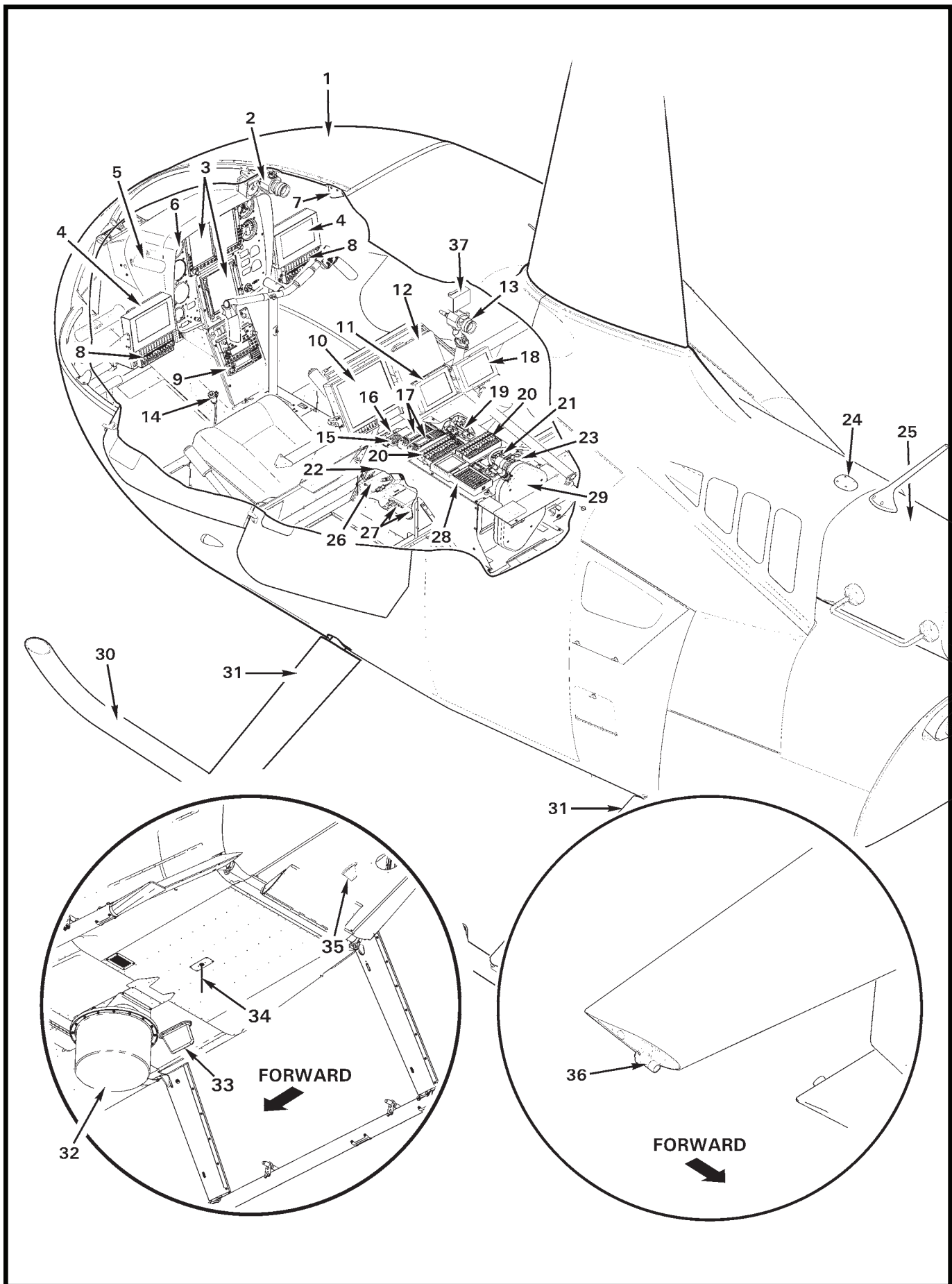
<i>Figure</i>	<i>Title</i>	<i>Page</i>
—	Electronic News Gathering Equipment	92.iv
—	Electronic News Gathering Equipment	92.vi
92-1	A826 FM Transceiver Installation	92.0
92-5	Micro Camera Installation – Windshield	92.4
92-7	Micro Camera Installation – Cabin	92.6
92-9	Micro Camera Installation – Horizontal Stabilizer	92.8
92-11	Micro Camera Controller Installation	92.10
92-13	Remote Transmit Switch Installation	92.12
92-15	G425-1 Wall Assembly Installation	92.14
92-17	C445 Auxiliary Circuit Breaker Panel Installation	92.16
92-21	G448 Aft Monitors Installation	92.20
92-25	G449 Forward Monitors Installation	92.24
92-27	Camera and Gimbal Installation	92.26
92-29	Camera and Gimbal Fairing	92.28
92-31	Laptop and Cable Assembly Installation	92.30
92-33	E003 Auxiliary Box Installation	92.32
92-35	HD Microwave System – Controllers	92.34
92-37	HD Microwave System – Transmitter	92.36
92-39	HD Microwave System – Pod Antenna	92.38
92-41	Transponder Antenna Installation	92.40
92-43	TV and Scanner Antenna Installations	92.42
92-45	Aft Console Assembly	92.44
92-49	FM Transceivers Installation	92.48
92-51	Scanner Installation	92.50
92-53	Talent Lights Installation	92.52
92-57	TV Receiver Provision Installation	92.56
92-61	Geneva Audio – Forward Audio Panels	92.60
92-65	Geneva Audio – Aft Audio Panels	92.64
92-67	Geneva Audio – Digital Router	92.66

CHAPTER 92

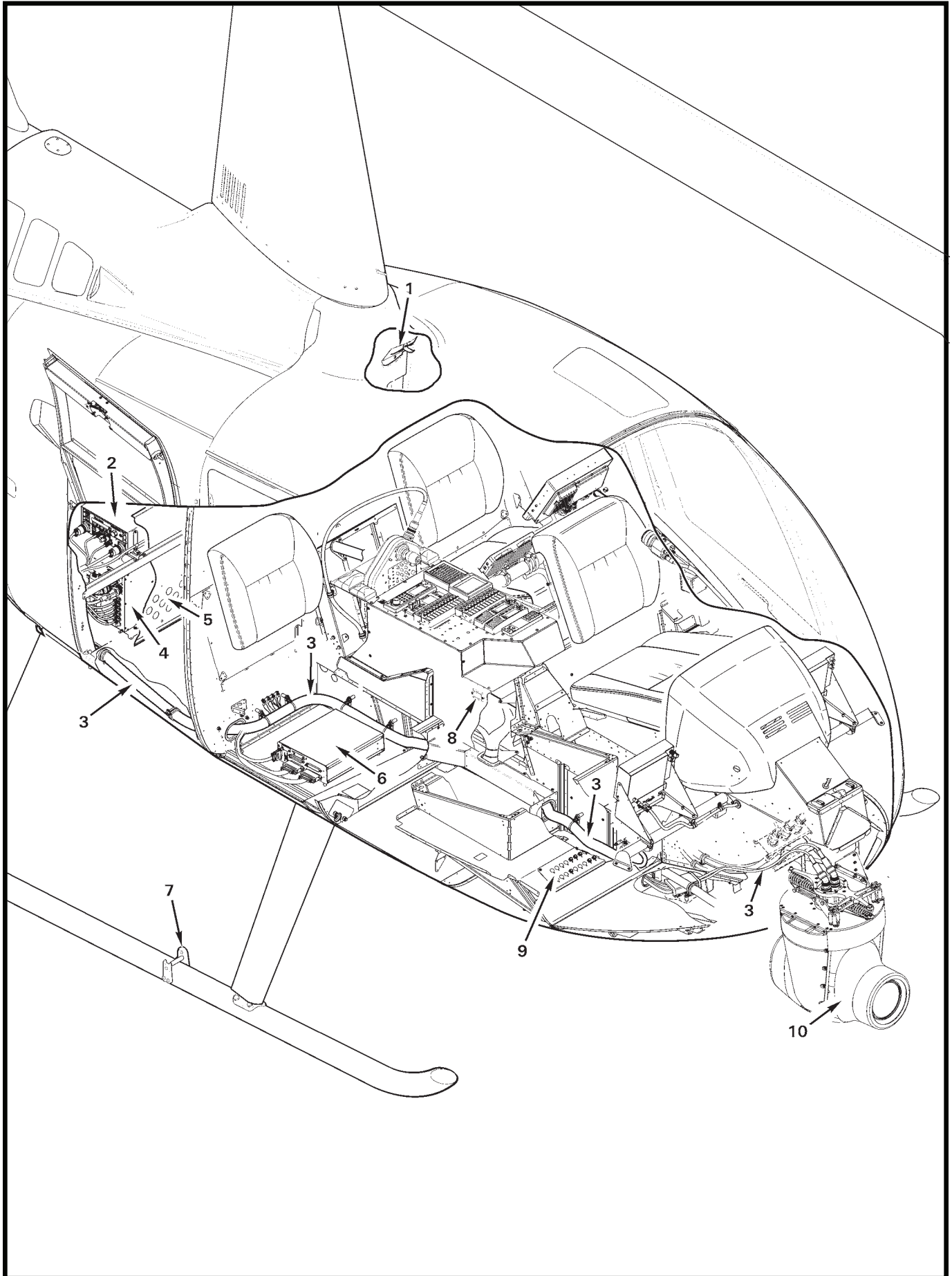
E.N.G. VERSION
(cont'd)

<i>Figure</i>	<i>Title</i>	<i>Page</i>
92-69	Video Components Installation	92.68
92-73	DVR/Monitor Installation	92.72
92-75	G459 Aux Electrical System – Harness Assembly	92.74
92-79	E.N.G. Wire Harness Installation	92.78

Intentionally Blank



ITEM NUMBER	FIGURE	DESCRIPTION
ELECTRONIC NEWS GATHERING (E.N.G.) EQUIPMENT		
1	—	Robinson R66 E.N.G. Helicopter
2	92-5	D097-36 HD Micro Camera (Windshield Bow)
3	97-1	Garmin G500H EFIS
4	92-25	Forward Monitors
5	92-53	Forward Talent Light
6	95-1, 95-23	Airspeed Indicator
7	33-9	G197-13 Window (Spotlight coverage limiter)
8	92-61	Geneva Forward Audio Panels
9	92-1	A826 FM Transceiver
10	92-21	Aft 10-inch Monitor
11	92-21	Aft 5-inch Left Hand Monitor
12	92-73	DVR/Monitor
13	92-7	D097-37 HD Micro Camera (Aft-center Cabin)
14	92-13	Remote Transmit Switches
15	92-69	Video Components
16	92-57	TV Receiver Distribution Amp
17	92-49	FM Transceivers
18	92-21	Aft 5-inch Right Hand Monitor
19	92-11	D097 HD Micro Camera Controllers
20	92-65	Geneva Aft Console Audio Panels
21	92-35	ARC-CM-TX-RX-CR-01 Microwave Controller
22	92-45	Aft Console
23	92-51	Scanner
24	92-39	GPS-1270FW Antenna
25	53-17	C023-24 Tailcone Assembly
26	92-57	F461-4 Cover (aft USB port)
27	92-57	Digital TV Receiver
28	92-35	D558-5 Microwave Controller Assembly
29	92-31	E002-2 Gimbal Camera Laptop Controller
30	32-1	Extended Landing Gear
31	32-5	Landing Gear Fairing
32	92-39	PA16-series Microwave Pod Antenna
33	92-43	Scanner Antenna
34	92-43	TV Tuner Antenna
35	92-41	Transponder Antenna
36	92-9	D097-38 HD Micro Camera (Tail)
37	92-53	Aft Talent Light



ITEM NUMBER	FIGURE	DESCRIPTION
ELECTRONIC NEWS GATHERING (E.N.G.) EQUIPMENT		
1	25-5	F436-1 Cover Assembly (Seat Removed)
2	92-37	CMTX7-LITE Microwave Transmitter
3	92-75	Aux Electrical System Installation
4	92-33	E003-7 Aux Box (video processing)
5	92-15	G425-1 Wall (baggage compartment electronics bay)
6	92-67	Geneva Audio Digital Router
7	32-1	C720-1 Ground Handling Wheel Support
8	92-45	E.N.G. Hourmeter (News Master Time)
9	92-17	G445-2 Aux Circuit Breaker Panel (E.N.G. Equipment)
10	92-27	Gimbal Camera

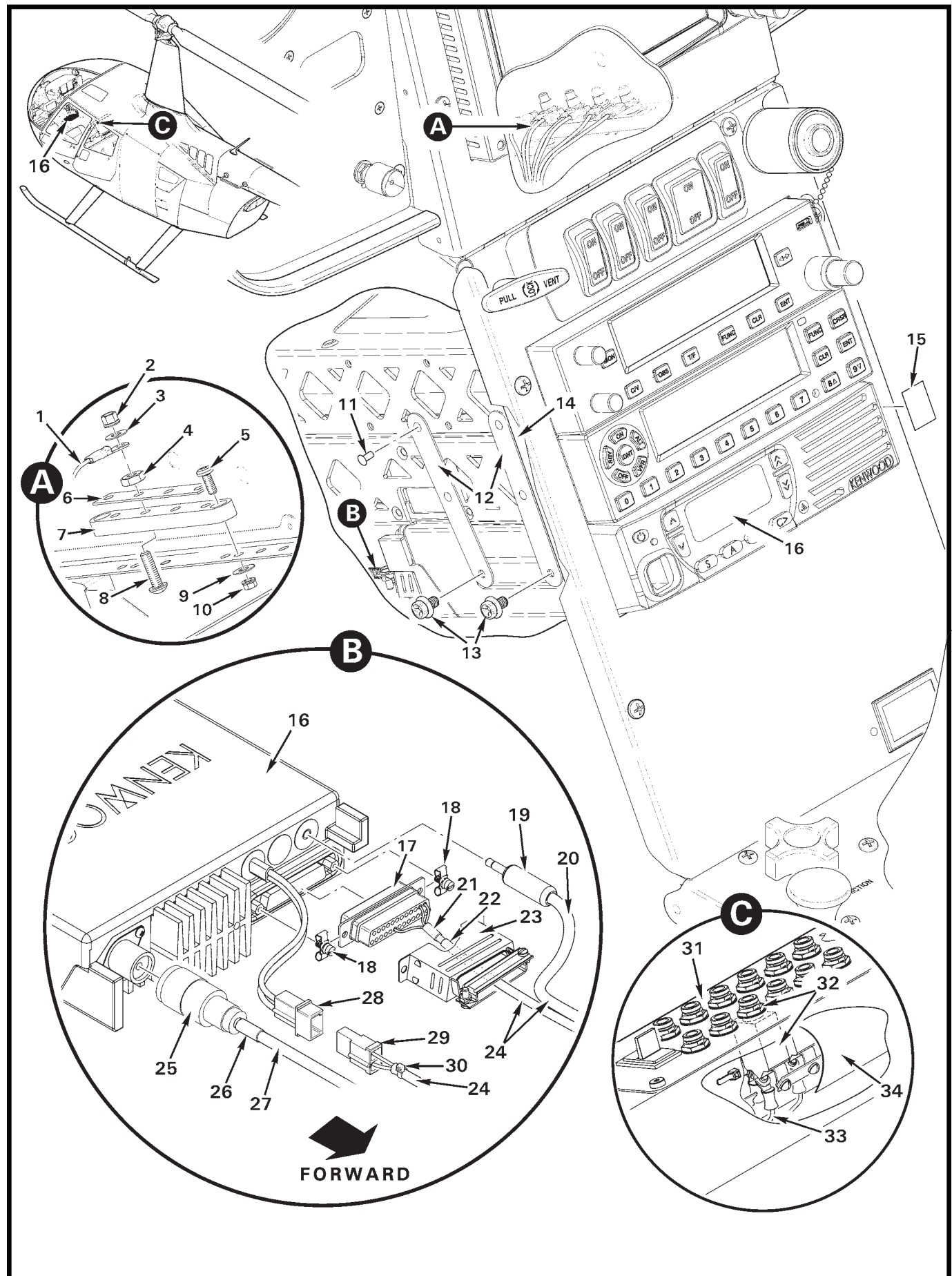


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
A826 FM TRANSCEIVER INSTALLATION				
92-1-1	G459-982*	Wire (ground, Ref)		
2	MS21042L08	Nut	X	4
3	NAS1149FN816P	Washer	X	4
4	B301-8	Nut	X	4
5	MS35206-228	Screw	X	2
6	A448-10	Bus Bar	X	1
7	C448-2	Block Assembly (Ref)		
8	B567-43	Screw	X	4
9	NAS620-6	Washer	X	2
10	MS21042L06	Nut	X	2
11	NAS1097AD3	Rivet	X	8
12	A684-4	Strap	X	4
13	—	Screw	O	4
14	C905-5	Angle (Ref)		
15	G654-11	Decal – “No. 1 FM”	X	1
16	A824-7	Transceiver Assembly (VHF, 136-174 MHz, 30 W; includes items 13 and 28)	X	1
	A824-8	Transceiver (UHF, 450-520 MHz or 400-470 MHz; includes items 13 and 28)	X	1
17	B269-11	Plug	X	1
	G459-984*	Wire (Ref)		
	G459-985*	Wire (white, Ref)		
	G459-985*	Wire (blue, Ref)		
18	B269-31	Screw Lock (male)	X	2
19	750	Plug	X	1
20	G459-987*	Wire (Ref)		
21	B158-4	Heat Shrink	X	A/R
22	B158-4	Heat Shrink (labeled “FM1 X’CVR”)	X	A/R
23	B269-23	Backshell	X	1
24	B266-4	Sleeving	X	A/R
25	83-1SP-1050	Plug	X	1
	83-185	Reducer	X	1
26	B158-4	Heat Shrink (labeled “-821”)	X	A/R
27	G459-821	Wire (F850-31 antenna cable; Ref)		
28	B263-12	Housing	X	1
	B263-1	Pin	X	2

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
A826 FM TRANSCEIVER INSTALLATION (Cont'd)				
92-1-29	B263-13	Housing	X	1
	B263-2	Socket	X	2
	G459-907*	Wire (Ref)		
	G459-982*	Wire (Ref)		
30	MS3367-4-0	Ty-rap	X	1
31	G422-2	Panel – Circuit Breaker (aux, Ref; see Figure 92-17)		
32	B297-10	Circuit Breaker (10 amp)	X	1
33	G459-907*	Wire (Ref)		
34	G596-3	Shield (Ref; see Figure 92-17)		

NOTES * See R66 MM §92 wiring diagrams.

Intentionally Blank

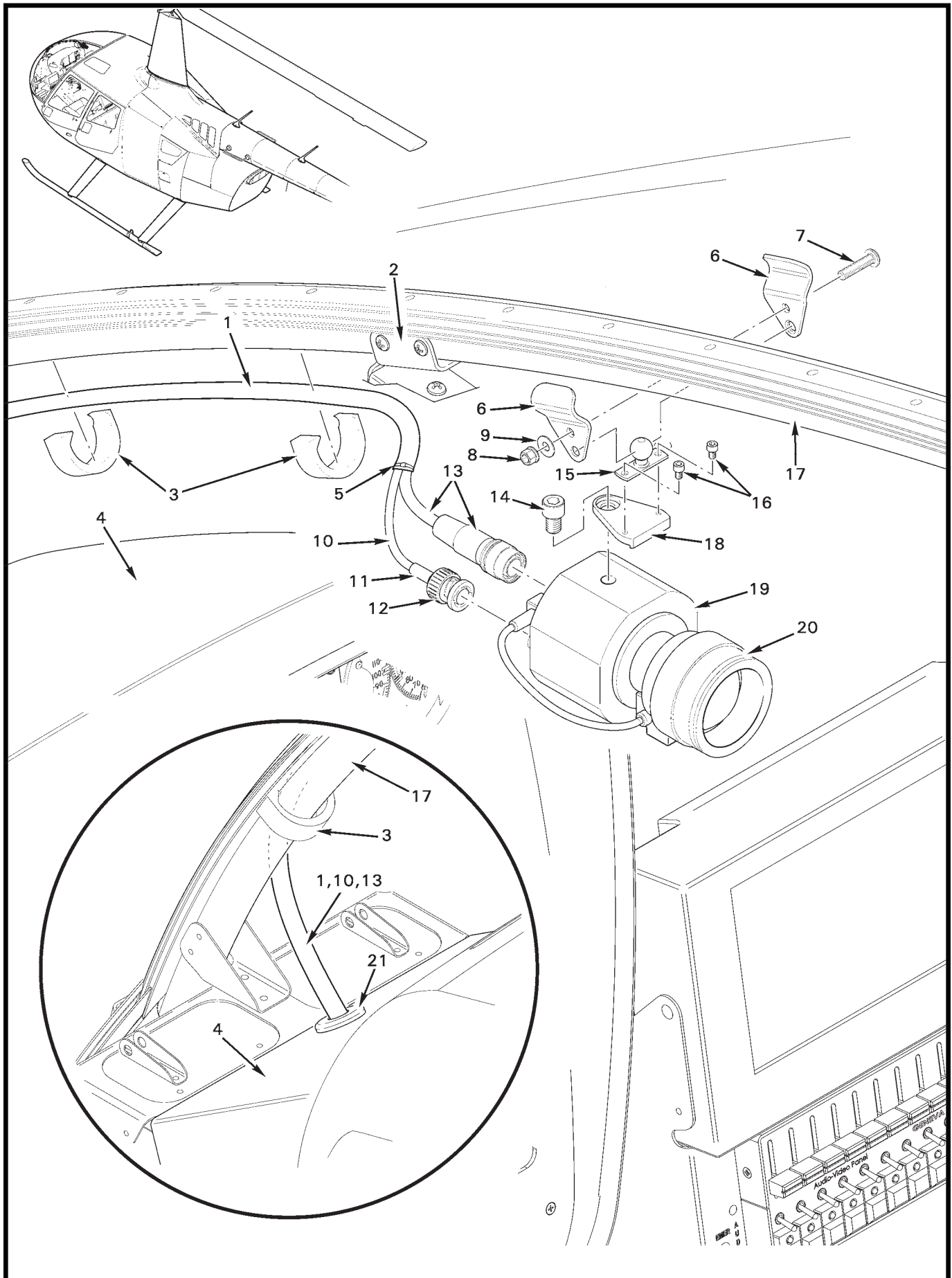


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
MICRO CAMERA INSTALLATION – WINDSHIELD				
92-5-1	B266-4	Sleeving	X	A/R
2	B339-2	Compass Mount (Ref; see Figure 95-45)		
3	D368-9	Clip (5 maximum)	X	A/R
4	—	Console Assembly (Ref, G060 shown)		
5	B268-3	Lacing Tape	X	A/R
6	D368-2	Clamp	X	2
7	MS27039C0811	Screw	X	1
8	MS21042L08	Nut	X	1
9	NAS1149FN816P	Washer	X	1
10	G459-2798	Wire (Ref; see R66 MM §92 wiring diagrams)		
11	B158-3	Heat Shrink	X	A/R
12	2065-11-9	Plug (BNC, or 2025-47-9)	X	1
13	CV505/34510FTCBLE	Cable Assembly	X	1
14	NAS1352-4-6	Screw	X	1
15	D368-8	Mount	X	1
16	NAS1352-04-3	Screw	X	2
17	F090-5	Bow Assembly (Ref)		
18	D368-10	Plate	X	1
19	CV345-CS	Camera (50 Hz)	X	1
	CV345-CSB	Camera (59.94 Hz)	X	1
20	VS-M226-A	Lens	X	1
21	MS35489-11	Grommet	X	1

NOTES

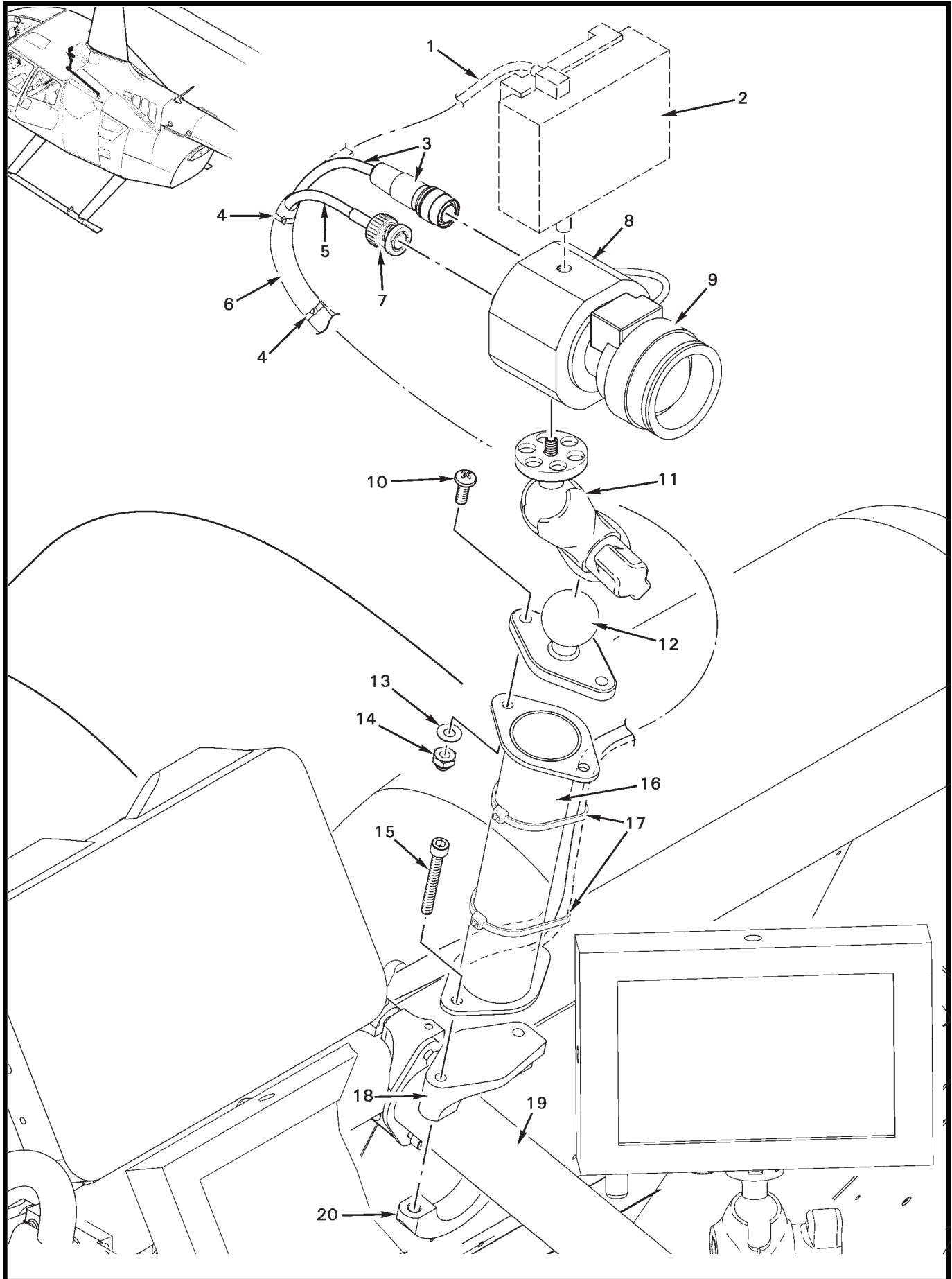


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
MICRO CAMERA INSTALLATION – CABIN				
92-7-1	—	Cable (USB, Ref; see Figure 92-53)		
2	ILED-MA	Light (Ref; see Figure 92-53)		
3	C505/345-10FT	Cable Assembly (trim to fit)	X	1
4	B268-3	Lacing Tape	X	A/R
5	G459-756	Wire (Ref; see R66 MM §92 wiring diagrams)		
6	B266-4	Sleeving	X	A/R
7	2065-11-9	Plug (BNC; or 2025-47-9)	X	1
8	CV345-CS	Camera (50 Hz)	X	1
	CV345-CSB	Camera (59.94 Hz)	X	1
9	VS-M226-A	Lens	X	1
10	MS27039C1-09	Screw	X	2
11	RAM-B-366-201U	Arm Assembly	X	1
12	RAM-B-238U	Mount	X	1
13	NAS1351-3-24	Screw	X	2
14	B340-8	Nut	X	2
15	NAS1351-3-24	Screw	X	2
16	G473-5	Weldment	X	1
17	MS3367-7-0	Ty-rap	X	A/R
18	B630-2	Clamp	X	1
19	G473-1	Support Weldment (Ref; see Figure 92-21)		
20	B630-2	Clamp	X	1

NOTES

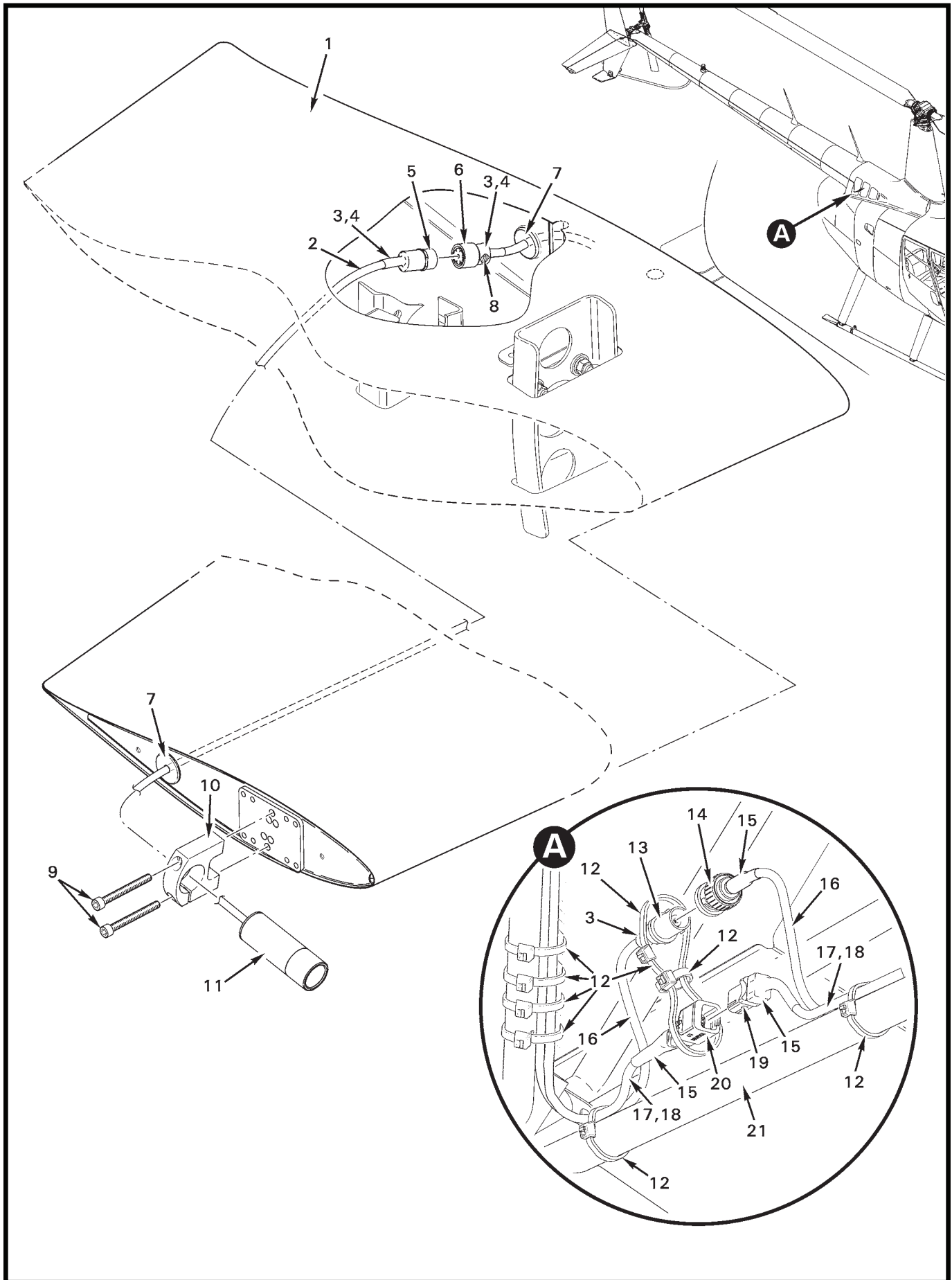


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
MICRO CAMERA INSTALLATION – HORIZONTAL STABILIZER				
92-9-1	C044-1	Horizontal Stabilizer (Ref; see Figure 53-25)		
2	CV200	Cable	O	1
3	B158-804	Heat Shrink (around items 5 and 6)	X	A/R
4	B158-808	Heat Shrink (around items 5, 6, and 3)	X	A/R
5	SJS861800P	Receptacle	X	1
6	SJS861700P	Plug	X	1
7	MS35489-134	Grommet	X	2
8	MS20995C20	0.020 in. dia Safety Wire	X	A/R
9	NAS1352-08-24	Screw	X	2
10	D368-11	Clamp	X	1
11	CV200M	Camera (50 Hz; includes item 2)	X	1
	CV200MB	Camera (59.94 Hz; includes item 2)	X	1
12	MS3367-5-0	Ty-rap	X	A/R
13	5413760-8	Jack (BNC)	X	1
14	2065-11-9	Plug (BNC; or 2025-47-9)	X	1
15	B158-6	Heat Shrink	X	A/R
16	C023-757*	Cable (Ref)		
17	C023-2815*	Wire (Ref)		
18	B266-4	Sleeving	X	A/R
19	D269-6	Receptacle	X	1
	B267-3	Terminator	X	1
20	D269-5	Plug	X	1
21	F020-1	Frame Assembly (Ref; see Figure 53-13A)		

NOTES * See R66 MM §92 wiring diagrams.

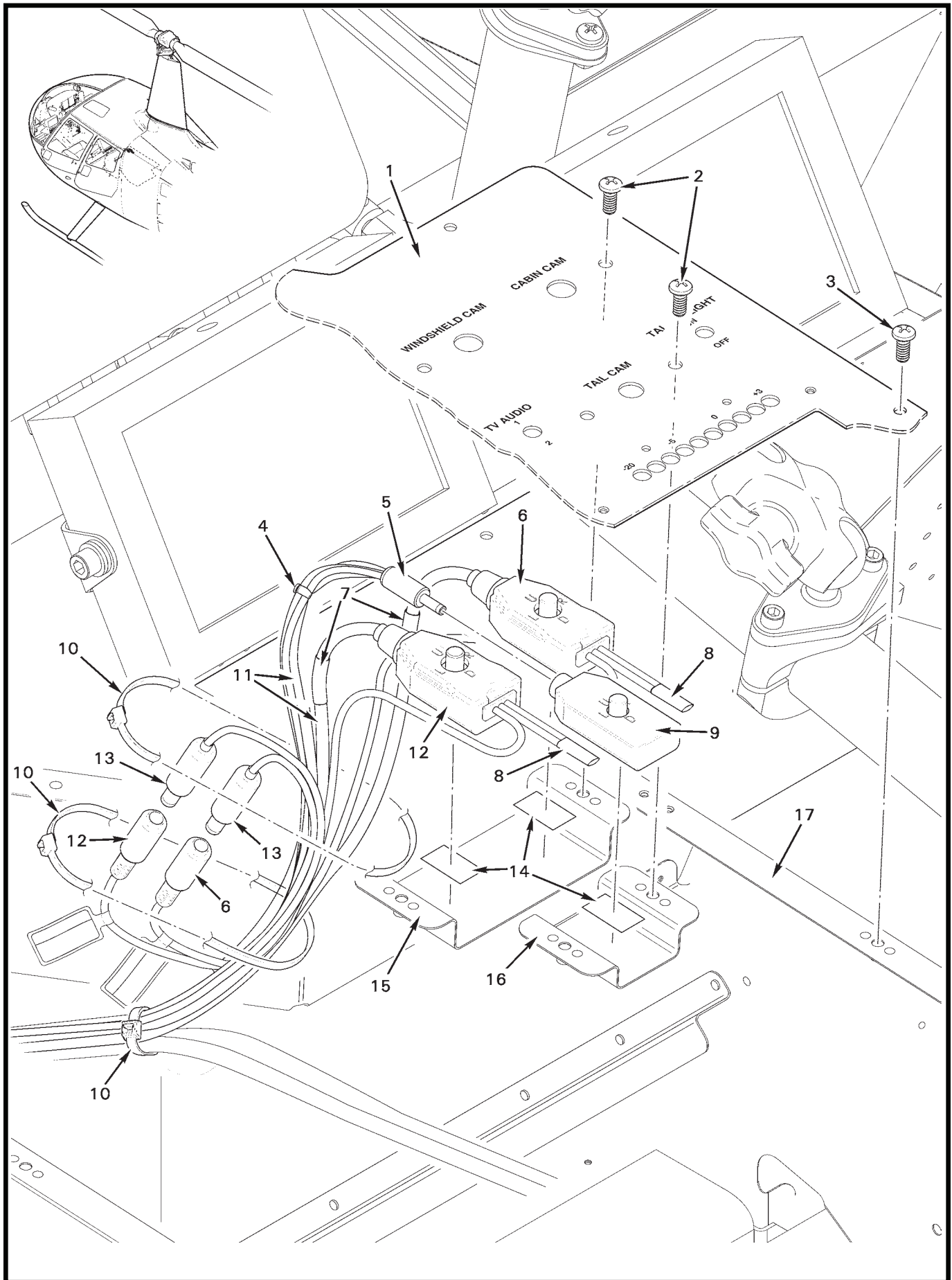


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		MICRO CAMERA CONTROLLER INSTALLATION		
92-11-1	G472	Face (Ref; see Figure 92-45)		
2	MS27039C0805	Screw	X	4
3	MS27039C0806	Screw (Ref; see Figure 92-45)		
4	B268-3	Lacing Tape	X	A/R
5	NES/J135	Plug	X	1
	B267-3	Terminator	X	1
	B267-5	Splice	X	1
	B267-6	Splice	X	1
	B158-1	Heat Shrink	X	A/R
	G459-973*	Wire (Ref)		
	G459-974*	Wire ([2], Ref)		
	G459-2815*	Wire (Ref)		
6	CV505/345-10FTCBLE	Controller/Cable Assembly ("CABIN CAM"; includes camera controller as shown, not detachable)	X	1
7	B158-6	Heat Shrink	X	A/R
8	B158-804	Heat Shrink	X	A/R
9	—	Camera Controller (Ref; supplied with CV200-M/-MB camera. See Figure 92-9.)		
10	MS3367-5-0	Ty-rap	X	A/R
11	B266-4	Sleeving	X	A/R
12	CV505/345-10FTCBLE	Controller/Cable Assembly ("WINDSHEILD CAM"; includes camera controller as shown, not detachable)	X	1
13	760	Plug	X	2
	B158-2	Heat Shrink	X	A/R
	G459-973*	Wire ([2], Ref)		
	G459-974*	Wire ([2], Ref)		
14	A701-7	Tape	X	A/R
15	D344-33	Support Assembly	X	1
16	D344-31	Support Assembly	X	1
17	G470-1	Console Assembly (Aft, Ref; see Figure 92-45)		

NOTES * see R66 MM §92 wiring diagrams.

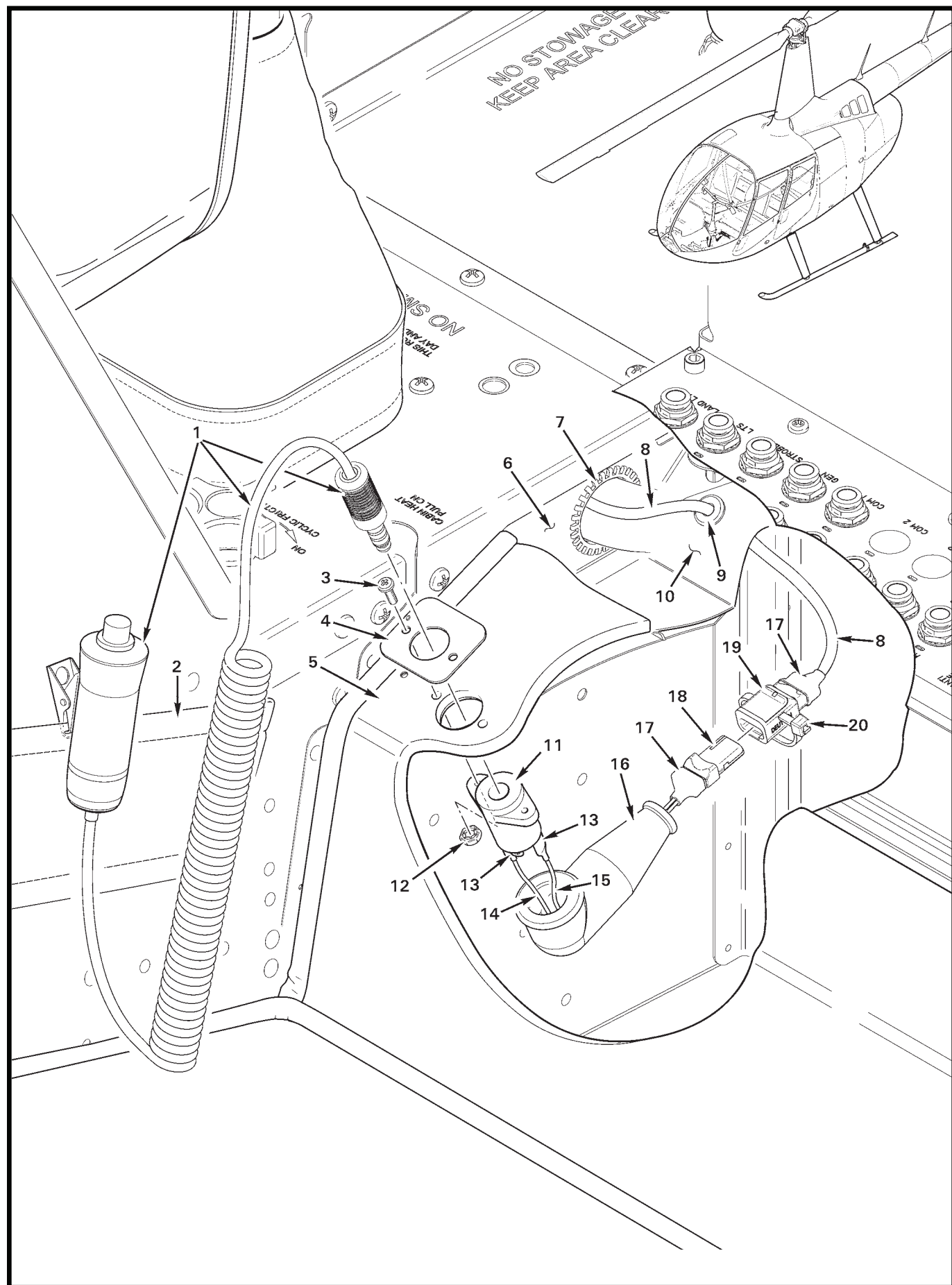


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
REMOTE TRANSMIT SWITCH INSTALLATION				
92-13-1	B121-1	Transmit Switch Assembly	X	1
2	A912-6	Pocket Assembly (Ref; see Figure 25-19)		
3	MS35206-215	Screw	X	2
4	G474-13	Plate	X	1
5	—	Carpet (Ref; see Figure 25-15)		
6	F293-1	Keel Panel (LH forward, Ref)		
7	MS21266-1N	Grommet (Ref)		
8	B266-4	Sleeving	X	A/R
9	MS35489-4	Grommet	X	1
10	F492-1	Guard Assembly (Ref)		
11	TJ-120	Jack	X	1
12	B330-2	Palnut	X	2
13	B158-3	Heat Shrink	X	A/R
14	F060-162*	Wire (Ref)		
15	F060-163*	Wire (Ref)		
16	MS25171-2S	Nipple	X	1
17	B158-804	Heat Shrink	X	A/R
18	D269-2	Receptacle	X	1
19	D269-1	Plug	X	1
20	MS3367-4-0	Ty-rap	X	1

NOTES * See R66 MM §92 wiring diagrams

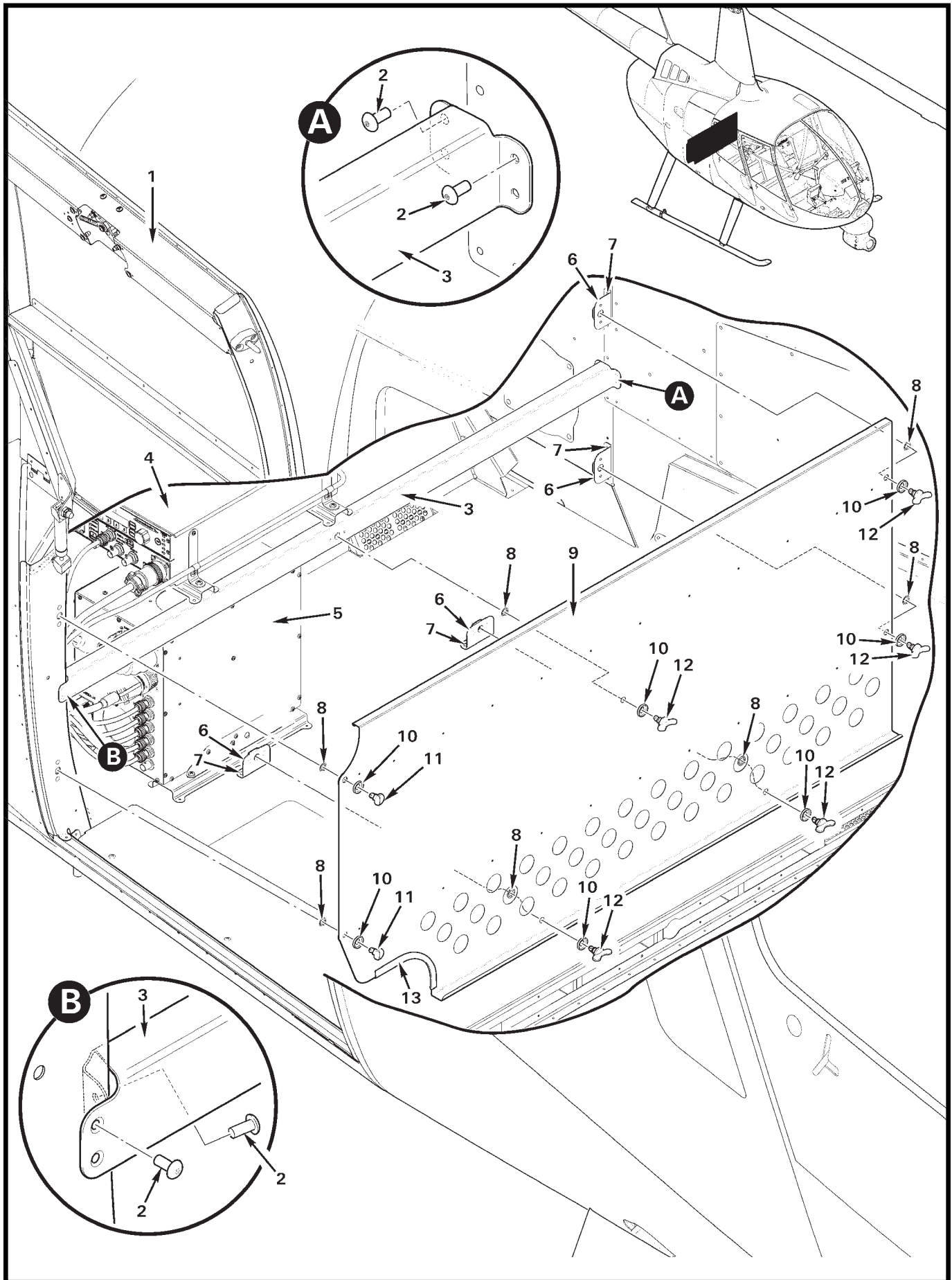


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
G425-1 WALL ASSEMBLY INSTALLATION				
92-15-1	G900-1	Door Assembly – Baggage (Ref; see Figure 52-13)		
2	MS20470AD4	Rivet	X	4
3	G431-5	Beam Assembly	X	1
4	CMTX7-LITE	Transmitter (microwave, Ref; see Figure 92-37)		
5	E003-7	Aux Box Assembly (camera, Ref; see Figure 92-33)		
6	G428-2	Angle Assembly	X	4
7	NAS9301-4-02	Rivet	X	8
8	85-34-201-20	Retaining Ring	X	7
9	G428-1	Wall Assembly – Baggage Compartment (Includes items 8 and 10 thru 13)	X	1
10	85-46-101-39	Washer	X	7
11	85-11-140-16	Stud	X	2
12	85-12-140-16	Stud	X	5
13	A226-15	Trim	X	A/R
NOTES				

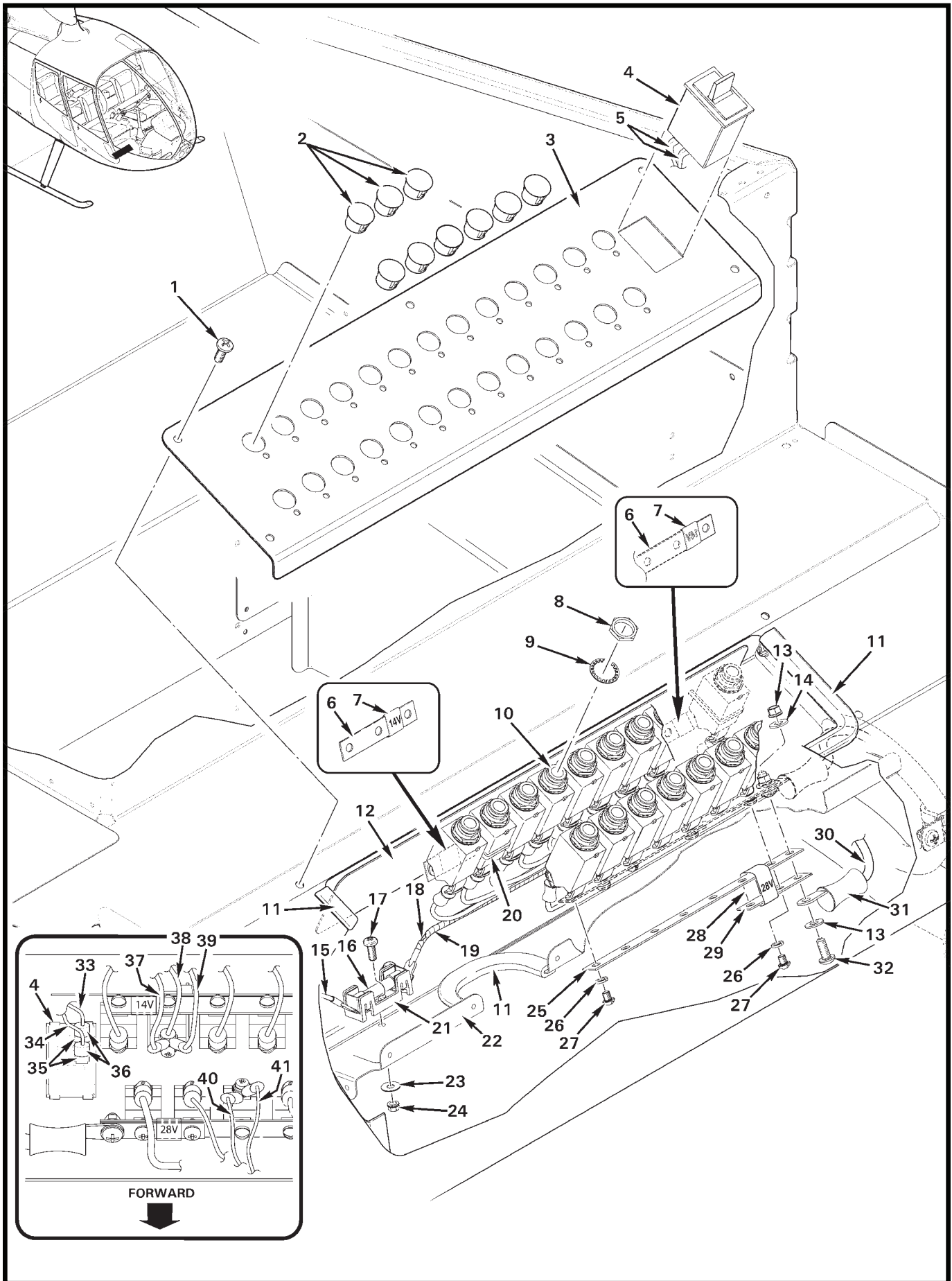


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		C445 AUXILIARY CIRCUIT BREAKER PANEL INSTALLATION		
92-17-1	90337A184	Screw	X	5
2	2633	Hole Plug	X	A/R
3	G422-2	Panel	X	1
4	B184-21	Switch Assembly ("NEWS EQUIP MASTER")	X	1
5	G459-876*	Wire (Ref)		
	G459-877*	Wire (Ref)		
6	A448-1	Bus Bar (6 breakers)	X	A/R
	A448-4	Bus Bar (3 breakers)	X	A/R
	A448-9	Bus Bar (9 breakers)	X	A/R
	A448-10	Bus Bar (4 breakers)	X	A/R
	A448-14	Bus Bar (8 breakers)	X	A/R
7	B158-6	Heat Shrink (labeled "14V")	X	A/R
8	—	Nut	O	1
9	—	Washer	O	1
10	B297-2	Circuit Breaker (2-amp; includes items 8, 9, 23, and 24)	X	A/R
	B297-3	Circuit Breaker (3-amp; includes items 8, 9, 23, and 24)	X	A/R
	B297-5	Circuit Breaker (5-amp; includes items 8, 9, 23, and 24)	X	A/R
	B297-10	Circuit Breaker (10-amp; includes items 8, 9, 23, and 24)	X	A/R
	B297-25	Circuit Breaker (25-amp; includes items 8, 9, 23, and 24)	X	A/R
11	A226-15	Trim	X	A/R
12	G596-3	Shield (install using item 18)	X	1
13	MS21042L08	Nut	X	1
14	NAS1149DN832H	Washer	X	1
15	G459-2567	Wire (Ref; to D580-5 Fan Assembly)		
16	AGC-1-R	Fuse (1 amp)	X	1
17	MS35206-228	Screw	X	1
18	G459-1625*	Wire (Ref)		
19	B161-2	Spirap	X	A/R
20	MS3367-4-9	Ty-rap	X	A/R
21	D262-1	Fuse Block	X	1
	B158-2	Heat Shrink	X	A/R
	B158-3	Heat Shrink	X	A/R
22	F492-3	Guard Assembly (Ref)		
23	NAS1149FN616P	Washer	X	1
24	MS21042L06	Nut	X	1

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
C445 AUXILIARY CIRCUIT BREAKER PANEL INSTALLATION				
92-17-25	A448-12	Bus Bar (7 breakers)	X	1
26	—	Washer (split)	O	2
27	—	Screw	O	2
28	B158-406	Heat Shrink	X	A/R
29	A448-13	Bus Bar (used as doubler)	X	1
30	G459-874*	Wire (Ref)		
31	B260-15	Terminal	X	1
32	MS27039C0806	Screw	X	1
33	G459-877*	Wire (Ref)		
34	G459-876*	Wire (Ref)		
35	B262-2	Receptacle	X	2
36	B158-3	Heat Shrink	X	A/R
37	G459-2370*	Wire (Ref)		
38	G459-2069*	Wire (Ref)		
39	G459-1875*	Wire (Ref)		
40	G459-2357*	Wire (Ref)		
41	G459-1869*	Wire (Ref)		

NOTES * See R66 MM §92 wiring diagrams.

Intentionally Blank

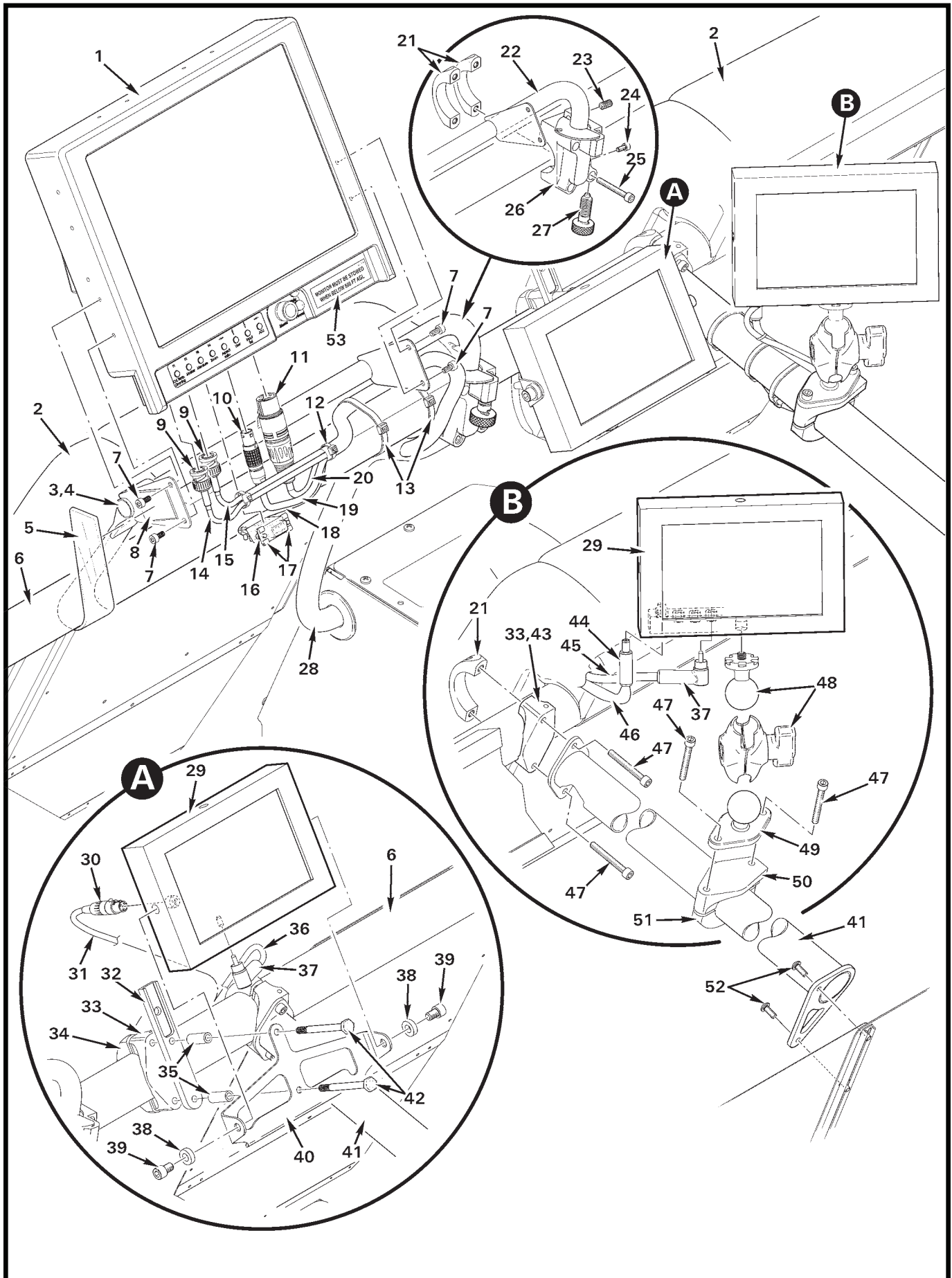


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
G448 AFT MONITORS INSTALLATION				
92-21-1	HD10CINEROB	Monitor	X	1
2	F936-1	Back Rest Assembly (Ref)		
3	2643	Hole Plug	X	1
4	B270-1	Adhesive (or B270-18)	X	A/R
5	G478-5	Strap	X	A/R
6	F423-1	Weldment (Ref)		
7	91290A140	Screw	X	4
8	B175-11	Hook Tape	X	A/R
9	2065-11-9	Plug (BNC; or 2025-47-9)	X	2
10	FGG1B308CLAD62	Plug	X	1
	B158-8	Heat Shrink	X	A/R
11	NC4FX	Plug	X	1
	B158-2	Heat Shrink	X	A/R
12	MS3367-4-0	Ty-rap	X	A/R
13	MS3367-7-0	Ty-rap	X	A/R
14	G459-765*	Wire (Ref)		
15	G459-760*	Wire (Ref)		
16	B269-4	Receptacle	X	1
	B269-21	Backshell	X	1
17	B269-31	Screw Lock (Male)	X	2
18	G495-2350*	Wire (Ref)		
19	G459-1622*	Wire (Ref)		
	G459-1623*	Wire (Ref)		
	G459-1624*	Wire (Ref)		
20	G459-897*	Wire (Ref)		
	G459-975*	Wire (Ref)		
21	B630-11	Clamp Assembly	X	2
22	G477-1	Arm Assembly (Incl items 3, 4, 8, 23, 24, 26, and 27)	X	1
23	94495A245	Set Screw	X	1
24	NAS1352-08-6P	Screw	X	1
25	NAS1351-3-26	Screw	X	4
26	G478-1	Block	X	1
27	84935A16	Plunger	X	1
28	G459-1	Harness Assembly (Ref)		
29	VFM-056W	Monitor	X	2

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
G448 AFT MONITORS INSTALLATION (cont'd)				
92-21-30	TA4FX	Plug	X	2
31	G459-2800*	Wire (Ref)		
	G459-2802*	Wire (Ref)		
32	G474-3	Bar	X	1
33	B630-12	Clamp	X	1
34	B630-2	Clamp Assembly	X	1
35	C130-22	Spacer	X	2
36	G459-1836*	Wire (Ref)		
37	3502RABAU	Plug	X	2
	B158-804	Heat Shrink (or B158-808)	X	A/R
38	A130-42	Spacer	X	2
39	NAS1352-4-6	Screw	X	2
40	G474-5	Bracket	X	1
41	G473-1	Support Weldment	X	1
42	NAS6603-32	Bolt	X	2
43	B630-10	Clamp Assembly (Incl items 21, 33, and 47 [2])	X	1
44	760	Plug	X	1
45	G459-2799*	Wire (Ref)		
46	G459-1801*	Wire (Ref)		
	G459-1803*	Wire (Ref)		
	B158-2	Heat Shrink	X	A/R
47	NAS1351-3-24	Screw	X	4
48	B630-14	Mount Assembly	X	1
49	RAM-B-238U	Mount	X	1
50	B630-3	Clamp	X	1
51	B630-2	Clamp Assembly	X	1
52	MS27039C0808	Screw	X	2
53	G654-9	Decal – "MONITOR MUST BE STOWED WHEN BELOW..."	X	1

NOTES * See R66 MM §92 wiring diagrams.

Intentionally Blank

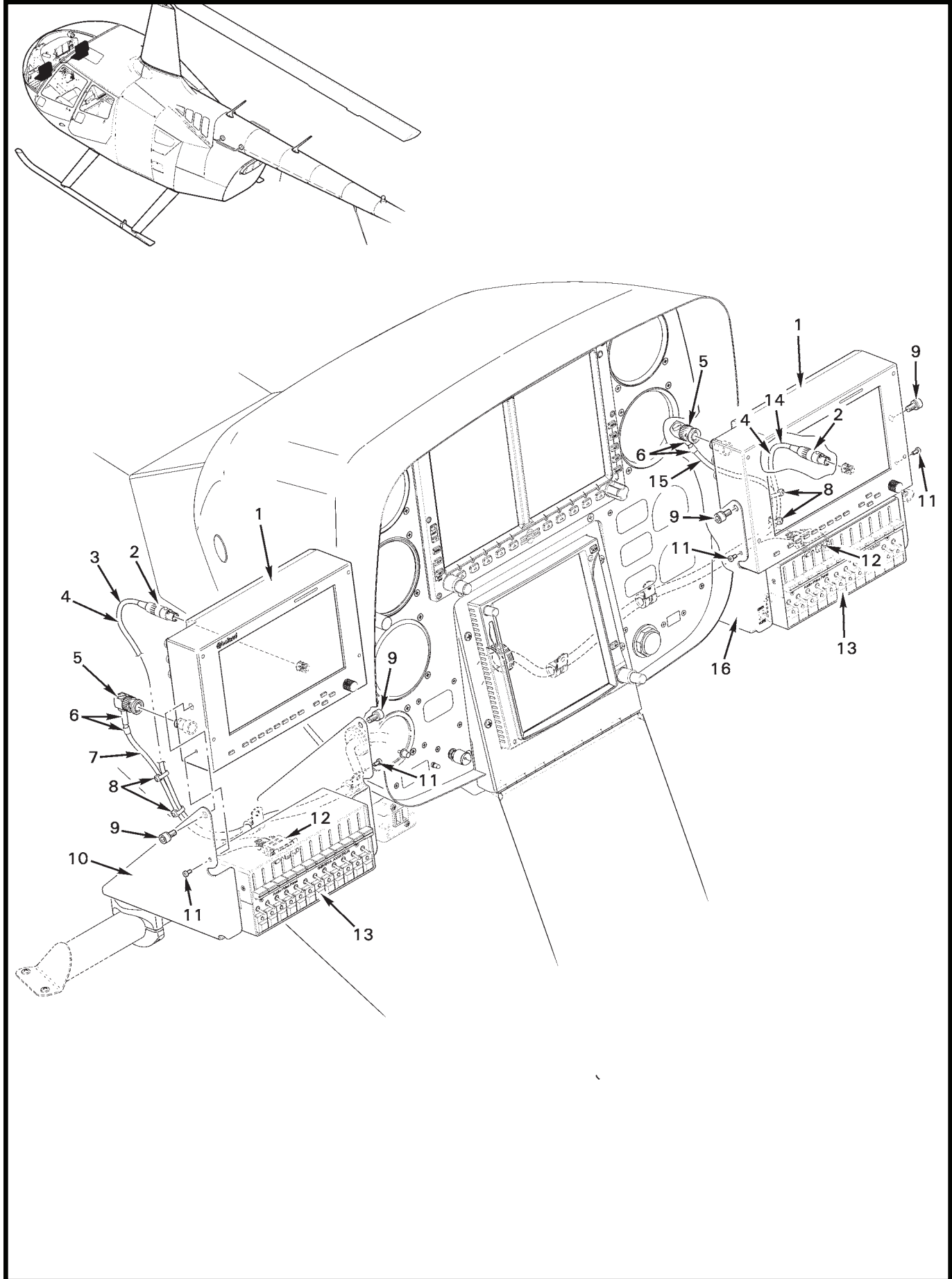


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
G449 FORWARD MONITORS INSTALLATION				
92-25-1	BVBO7	Monitor	X	2
2	TA4FX	Plug	X	1
	B158-01	Heat Shrink	X	A/R
3	G459-979*	Wire (Ref)		
	G459-981*	Wire (Ref)		
4	B266-4	Sleeving	X	A/R
5	112588	Plug	X	2
6	B158-6	Heat Shrink	X	A/R
7	G459-780*	Wire (Ref)		
8	MS3367-5-0	Ty-rap	X	A/R
9	91251A535	Screw	X	4
10	G474-14	Bracket Assembly (Co-Pilot, Ref; see Figure 92-61)		
11	93070A061	Screw	X	4
12	B269-21	Backshell (Ref; see Figure 92-61)		
13	G11431-00102-1	Audio Panel (Ref; see Figure 92-61)		
14	G459-978*	Wire (Ref)		
	G459-980*	Wire (Ref)		
15	G459-779*	Wire (Ref)		
16	G474-15	Bracket Assembly (Pilot, Ref; see Figure 92-61)		

NOTES * See R66 MM §92 wiring diagrams.

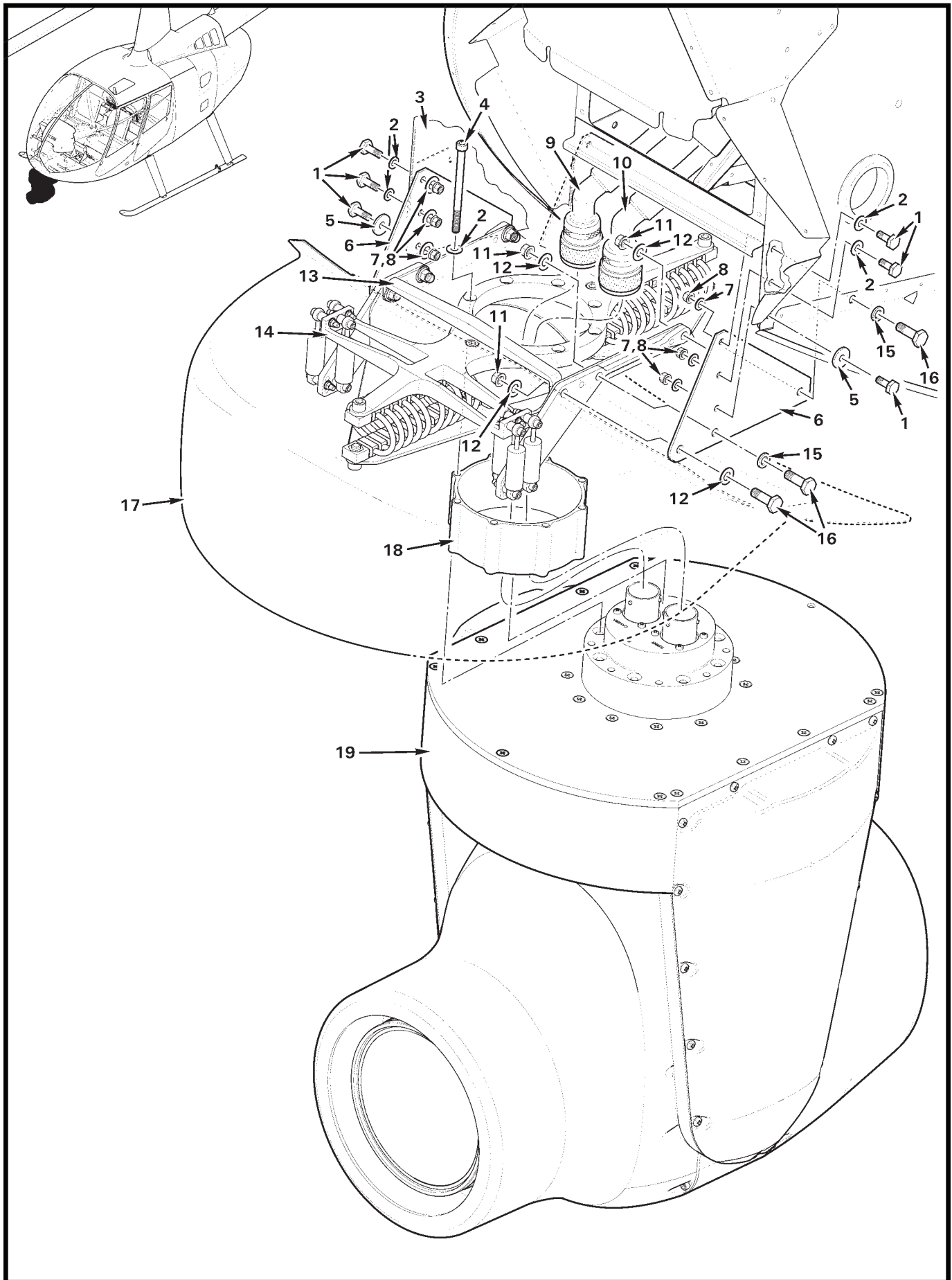


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
CAMERA AND GIMBAL INSTALLATION				
92-27-1	NAS6603-3	Bolt	X	6
2	NAS1149F0332P	Washer	X	2
3	F033	Console Assembly (Ref)		
4	90128A965	Screw	X	8
5	A141-17	Washer	X	2
6	D349-1	Support	X	2
7	NAS620-10L	Washer	X	6
8	D210-3	Nut	X	6
9	E204-6	Cable (camera)	X	1
10	E195-2	Cable (turret)	X	1
11	D210-4	Nut	X	6
12	NAS1149F0432	Washer	X	8
13	D374-6	Spreader	X	1
14	D385-4	Mount Assembly	X	1
15	A141-11	Washer	X	4
16	NAS6604-6	Bolt	X	6
17	G427-3	Fairing (Ref, see Figure 92-29)		
18	D374-3	Spacer	X	1
19	E801-1	Gimbal Assembly (Ref)		

NOTES

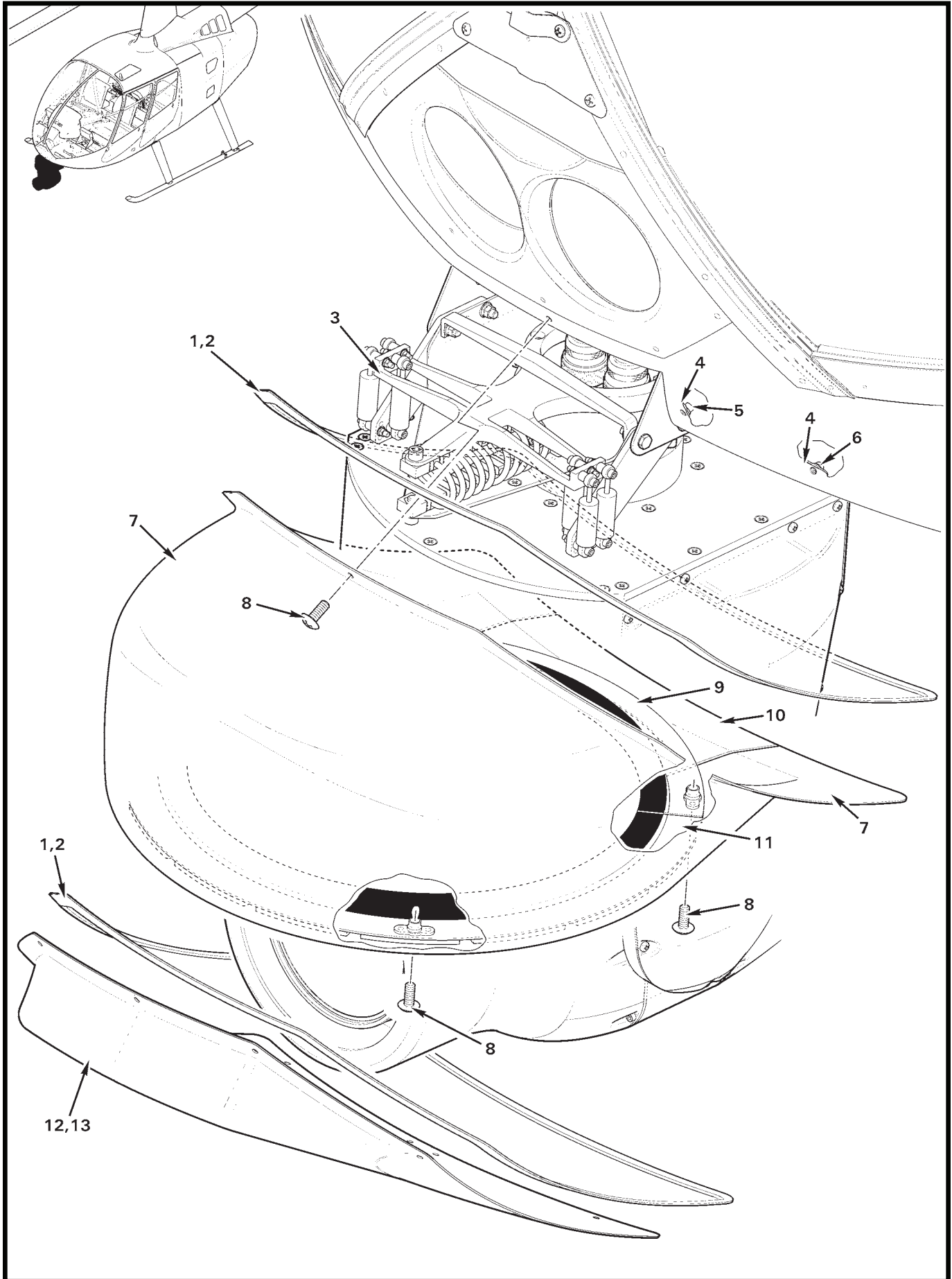


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
CAMERA AND GIMBAL FAIRING				
92-29-1	A226-3	Seal (install using item 2)	X	A/R
2	B270-4	Sealant (silicone)	X	A/R
3	—	Gimbal Assembly (Ref, see Figure 92-27)		
4	NAS1097AD3	Rivet	X	24
5	MS21071L08	Nutplate	X	2
6	MS21069L08	Nutplate	X	11
7	G427-3	Fairing	X	1
8	B526-6	Screw	X	20
9	D351-4	Seal Assembly	X	1
10	G427-4	Fairing	X	1
11	D351-5	Seal Assembly	X	1
12	G427-2	Cover	O	1
13	D050-13	Cover Assembly (for use when item 3 is removed; includes items 1, 2 and 12)	X	1
NOTES				

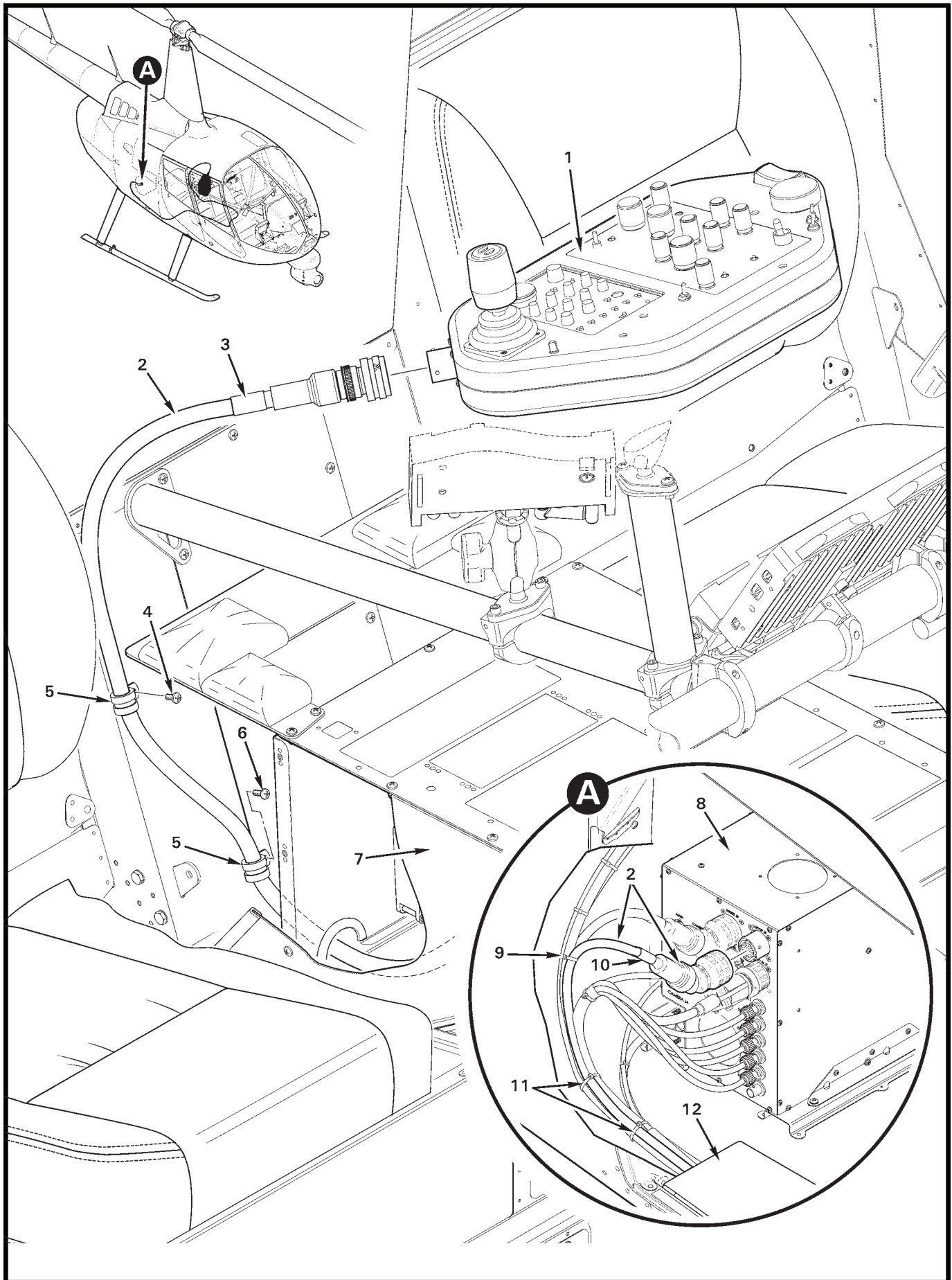


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
LAPTOP AND CABLE ASSEMBLY INSTALLATION				
92-31-1	E002-2	Laptop Assembly	X	1
2	E199-3	Cable Assembly (Laptop-to-Aux Box Assembly)	X	1
3	B158-8	Heat Shrink (labeled "LAPTOP J6")	X	A/R
4	MS27039C0806	Screw	X	1
5	MS21919WDG8	Clamp	X	2
6	MS27039C0807	Screw	X	1
7	G470	Console Assembly (aft, Reg)		
8	E003-7	Aux Box Assembly (Ref)		
9	MS3367-4-0	Ty-Rap	X	A/R
10	B158-8	Heat Shrink (labeled "AUX BOX J5")	X	A/R
11	MS3367-7-0	Ty-Rap	X	A/R
12	G701-1	Guard (Ref)		
NOTES				

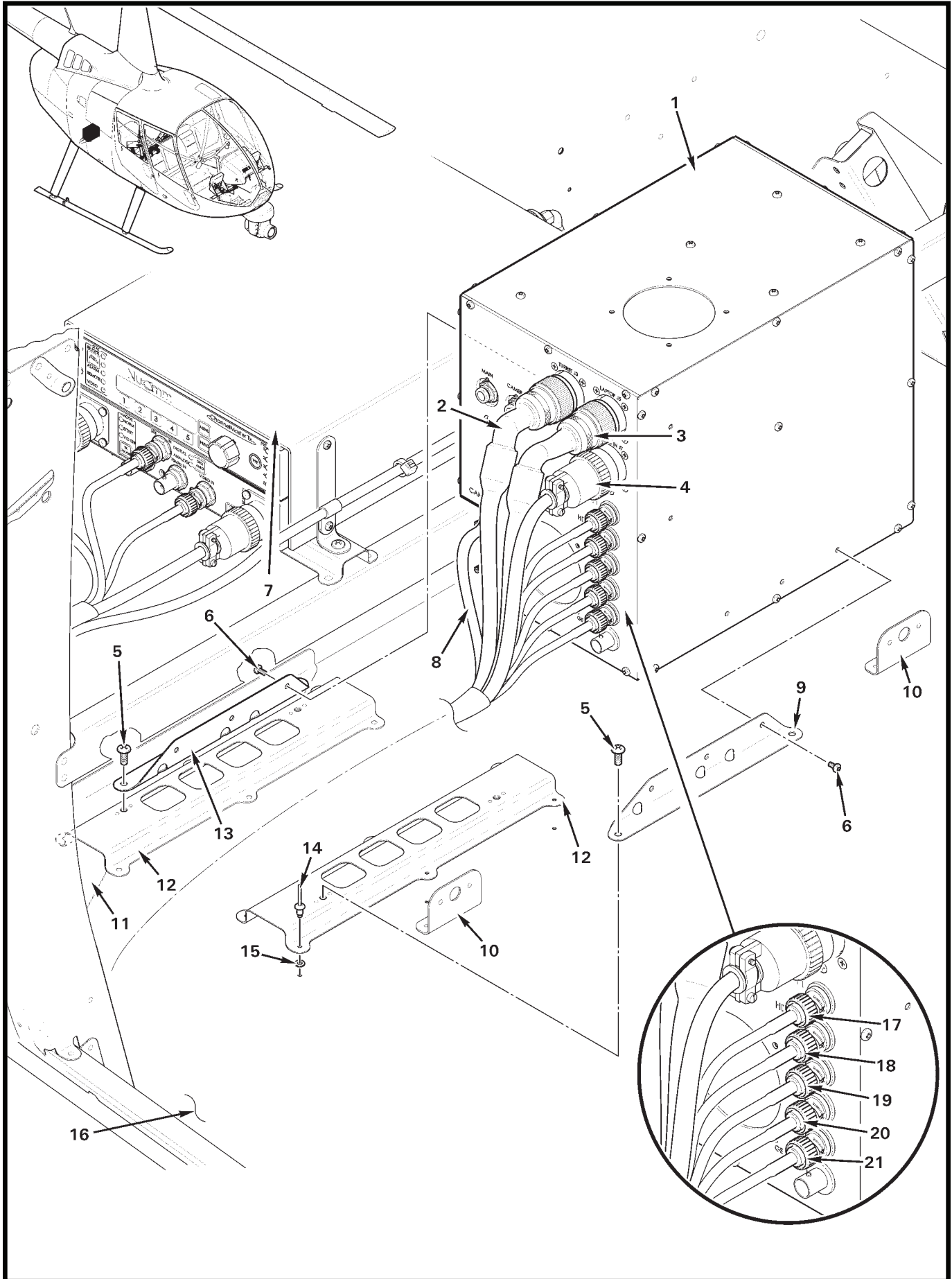


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
E003 AUXILIARY BOX INSTALLATION				
92-33-1	E003-7	Auxiliary Box Assembly	X	1
2	E195-2	Cable Assembly (to camera turret; see Figure 92-27)	X	1
3	E199-3	Cable Assembly (to laptop; see Figure 92-31)	X	1
4	E204-6	Cable Assembly (to camera; see Figure 92-27)	X	1
5	MS27039C0806	Screw	X	4
6	MS35206-213	Screw	X	6
7	CMTX7-LITE	Transmitter (Ref; see Figure 92-37)		
8	E204-6	Cable Assembly	X	1
9	D429-15	Bracket	X	1
10	—	Receptacle (Ref)		
11	G242-4	Doubler (Ref)		
12	G429-1	Support Assembly	X	2
13	D429-15	Bracket	X	1
14	NAS9301B-4-02	Rivet	X	12
15	NAS620-5	Washer	X	11
16	G241-1	Floor Assembly (Ref)		
17	-755	Wire (Ref; HD SDI Out 1 to NXT 430 Video Switcher 1 Video In)		
18	-765	Wire (Ref; HD SDI Out 2, to 10-inch Monitor 2 SDI Video in)		
19	-1622	Wire (Ref; Y, to 10-inch Monitor Y Video in)		
20	-1624	Wire (Ref; R-Y, to 10-inch Monitor Pr Video in)		
21	-1623	Wire (Ref; B-Y, to 10-inch Monitor Pb Video in)		
NOTES				

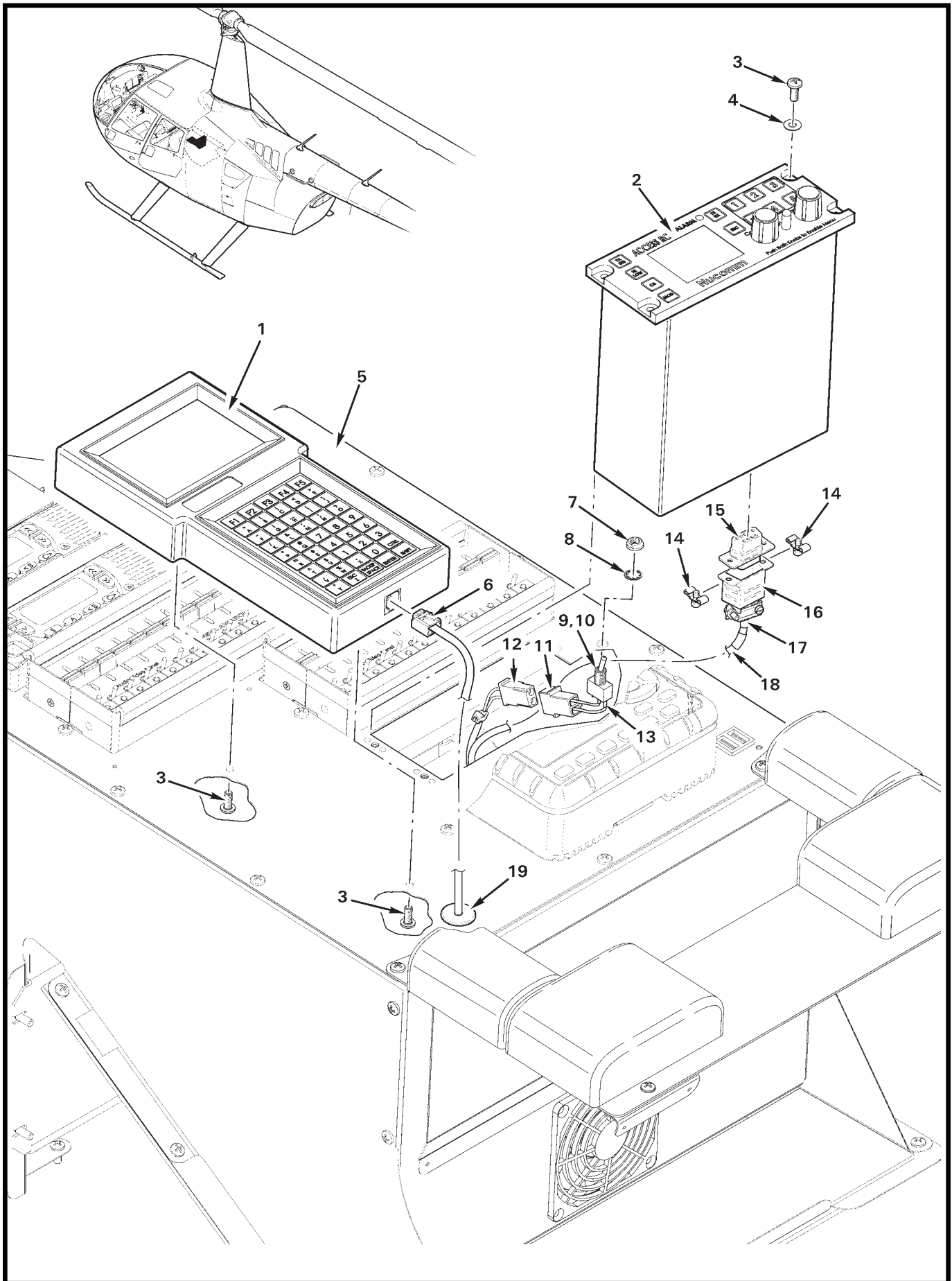


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
HD MICROWAVE SYSTEM – CONTROLLERS				
92-35-1	D588-5	Controller Assembly	X	1
2	ARC-CM-TX-RX-CR-01	Controller	X	1
3	MS27039C0806	Screw	X	6
4	NAS1149FN832P	Washer	X	4
5	G470-1	Console Assembly (aft; Ref)		
6	5-641337-3	Connector	X	1
7	B227-4	Dress Nut	X	1
8	B227-3	Lockwasher	X	1
9	B300-1	Switch Assembly (Incl items 7 and 8)	X	1
10	B049-9	Harness Assembly (Incl items 9, 11, 13, and wires, assembled)	X	1
11	B263-12	Housing	X	1
	B263-1	Pin	X	2
12	B263-13*	Housing	X	1
	B263-2	Socket	X	2
13	B158-1	Heat shrink	X	A/R
14	B269-31 *	Screw Lock (male)	X	2
15	B269-4	Receptacle	X	1
16	B269-21	Backshell	X	1
17	B158-4	Heat Shrink	X	A/R
	B158-2	Heat Shrink (around wires, not shown)	X	A/R
18	B266-4	Sleeving	X	A/R
19	MS35489-134	Grommet	X	1

NOTES * Ref, from G459-1 harness assembly.

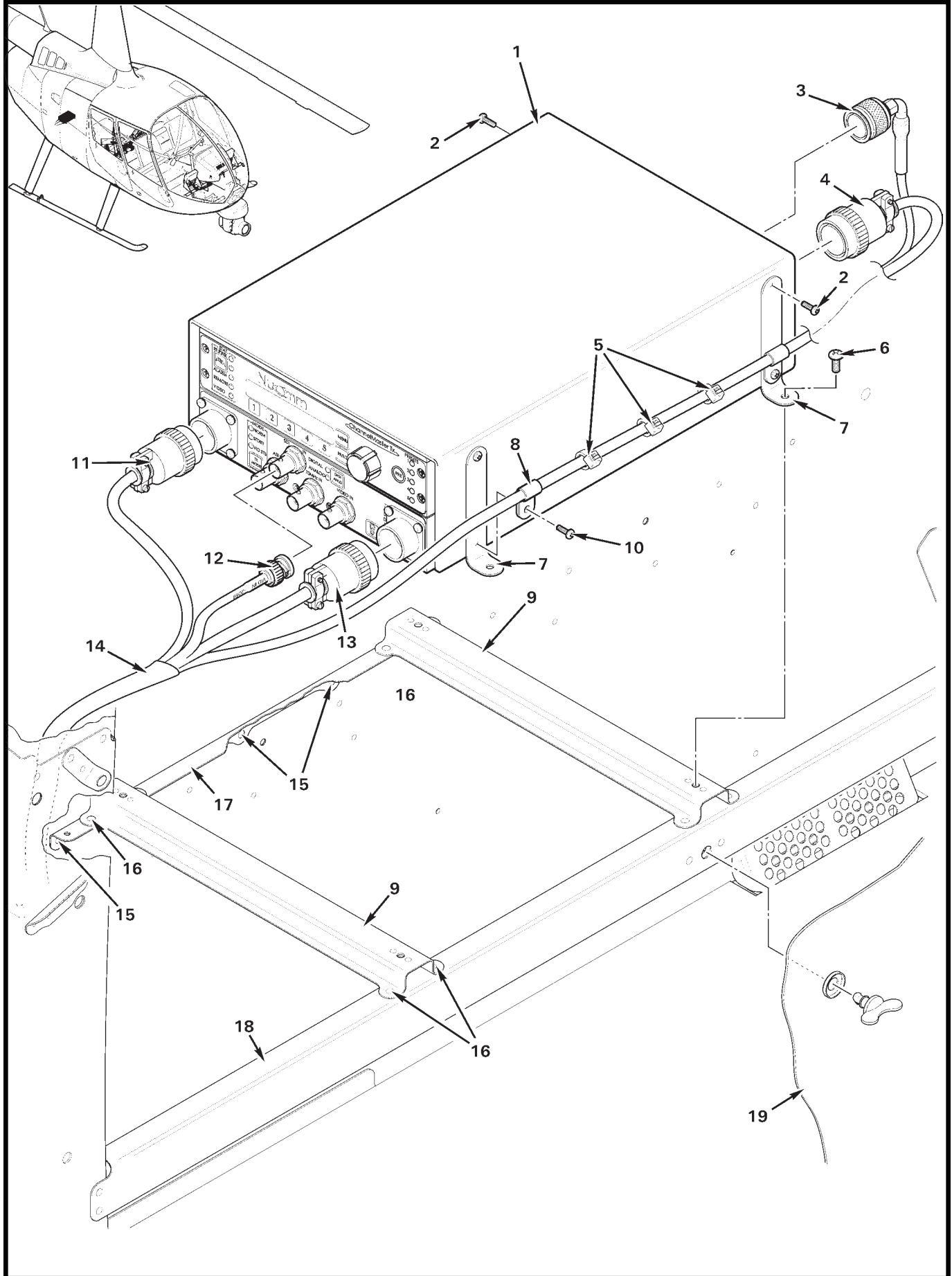


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
HD MICROWAVE SYSTEM – TRANSMITTER				
92-37-1	CMTX7-LITE	Transmitter	X	1
2	MS35206-215	Screw	X	6
3	D766-2813	Cable Assembly (Includes SMA straight plug, Type “N” 90° plug, heat shrink, and microflex 165 cable.)	X	1
4	MS3116F14-12S	Plug (Ref)		
5	MS3367-4-0	Ty-rap	X	3
6	MS27039C0806	Screw	X	4
7	D429-12	Angle	X	4
8	N-4-BK	Clamp	X	2
9	D429-16	Support Assembly	X	2
10	MS35206-217	Screw	X	2
11	MS3116F14-18S	Plug (Ref)		
12	2065-11-9	Plug (Ref)		
13	MS3116F14-15S	Plug (Ref)		
14	G459-1	Harness Assembly (Ref)		
15	MS20615-3M	Rivet	X	5
16	NAS9301B-4-02	Rivet	X	8
17	G431-4	Angle	X	1
18	G425-2	Beam (Ref)		
19	G425-1	Wall (Ref)		

NOTES

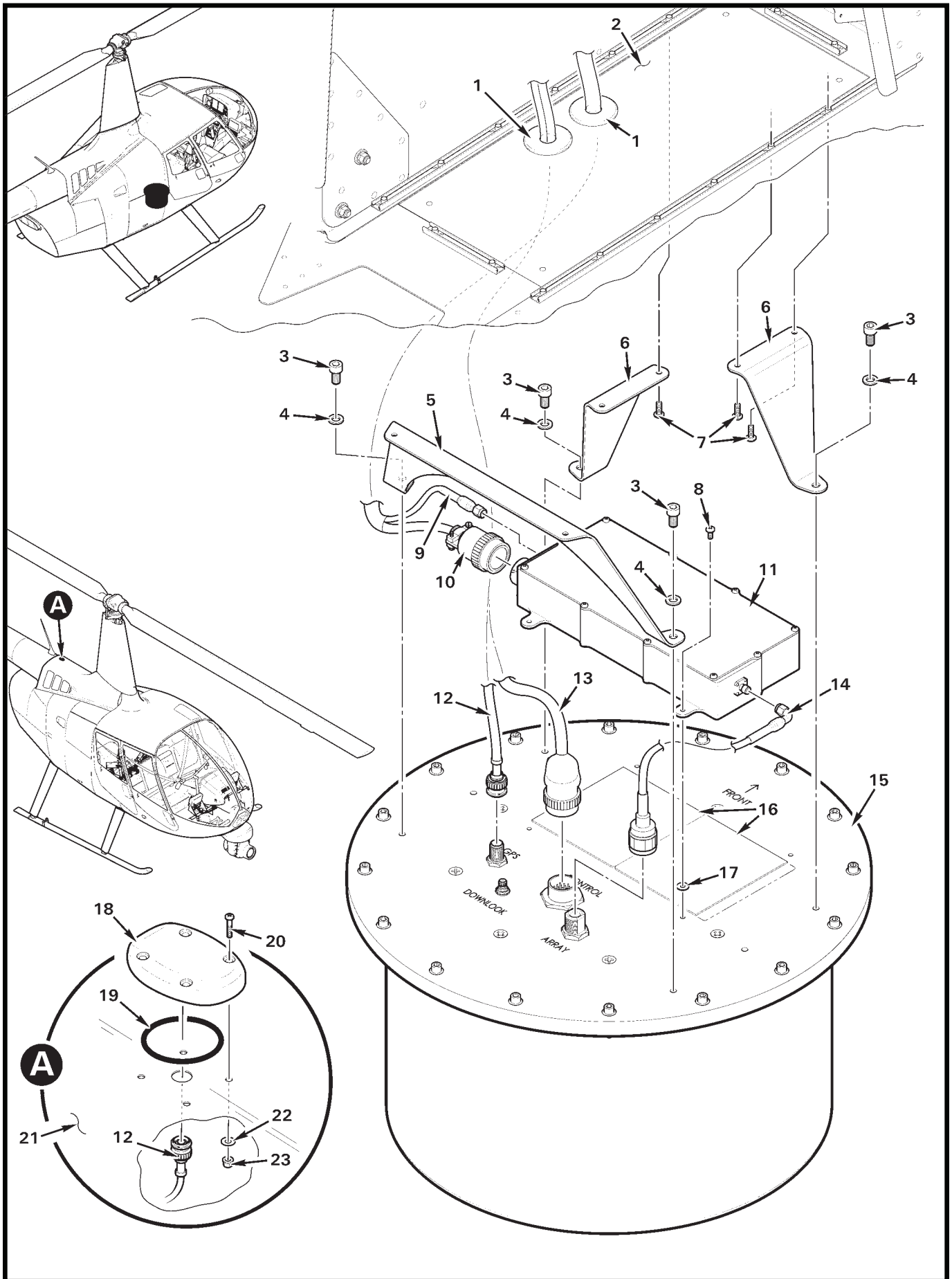


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
HD MICROWAVE SYSTEM – POD ANTENNA				
92-39-1	MS35489-18	Grommet	X	2
2	F794-2	Panel (Ref)		
3	—	Screw (supplied with item 16)	O	4
4	—	Washer (supplied with item 16)	O	4
5	D586-8	Bracket	X	1
6	D586-7	Bracket	X	2
7	B526-8	Screw	X	6
8	MS35206-227	Screw	X	4
9	D766-2813	Cable Assembly (Includes SMA straight plug, Type “N” 90° plug, heat shrink, and microflex 165 cable.)	X	1
10	MS3116F14-12S	Plug (Ref)		
11	D618-1	Amp Assembly (Ref, D056-1 Installation)		
12	D766-1621	Cable Assembly – GPS (Ref)		
13	D588-4	Cable Assembly (Ref)		
14	D766-2378	Cable Assembly (Includes SMA 90° plug, type “N” straight plug, and microflex 165 cable)	X	4
15	PA16-__	Pod Antenna	X	1
16	GP1500-0.040-02-0404	Thermal Pad	X	2
17	NAS1149FN632P	Washer	X	4
18	GPS-1270FW	GPS Antenna (includes item 19)	X	1
19	—	O-ring	O	1
20	MS35206-232	Screw	X	4
21	F706-1	Cowling (Ref)		
22	NAS1149FN616P	Washer	X	4
23	MS21042L06	Nut	X	4

NOTES

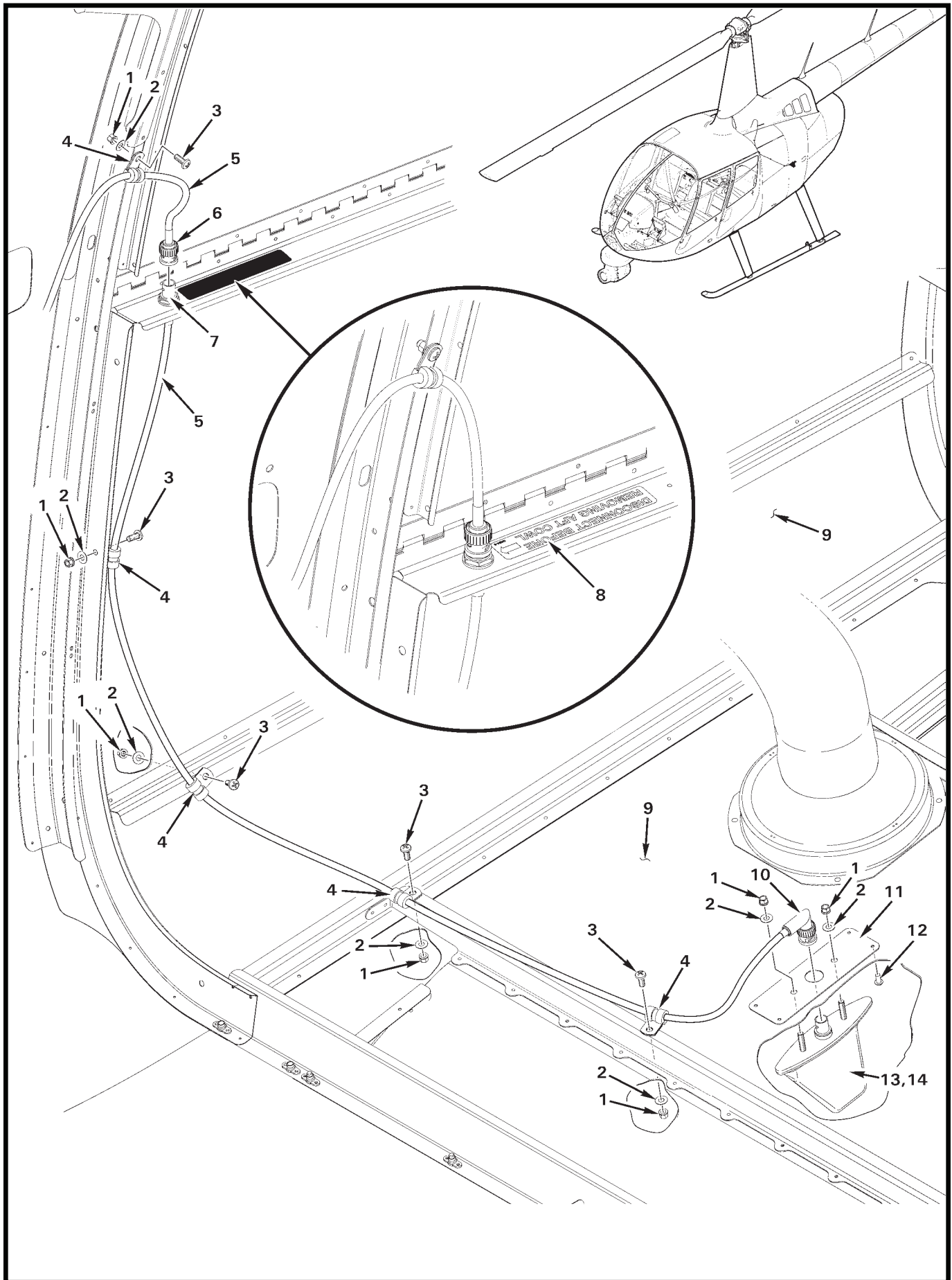


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TRANSPONDER ANTENNA INSTALLATION				
92-41-1	MS21042L08	Nut	X	7
2	NAS1149FN816P	Washer	X	7
3	MS27039C0806	Screw	X	5
4	MS21919WDG3	Clamp	X	5
5	G457-2817	Cable	X	2
6	5225395-6	Plug	X	1
7	5225395-6	Bulkhead Jack	X	1
8	G654-8	Decal – “DISCONNECT BEFORE REMOVING AFT COWL” . . .	X	1
9	G040	Cowling Assembly – Aft (Ref)		
10	5225973-4	Right Angle Plug	X	1
11	B322-12	Doubler	X	1
12	MS20470AD4	Rivet	X	4
13	CI 105-16	Antenna – Transponder (install using item 14)	X	1
14	B270-1	Sealant	X	A/R
NOTES				

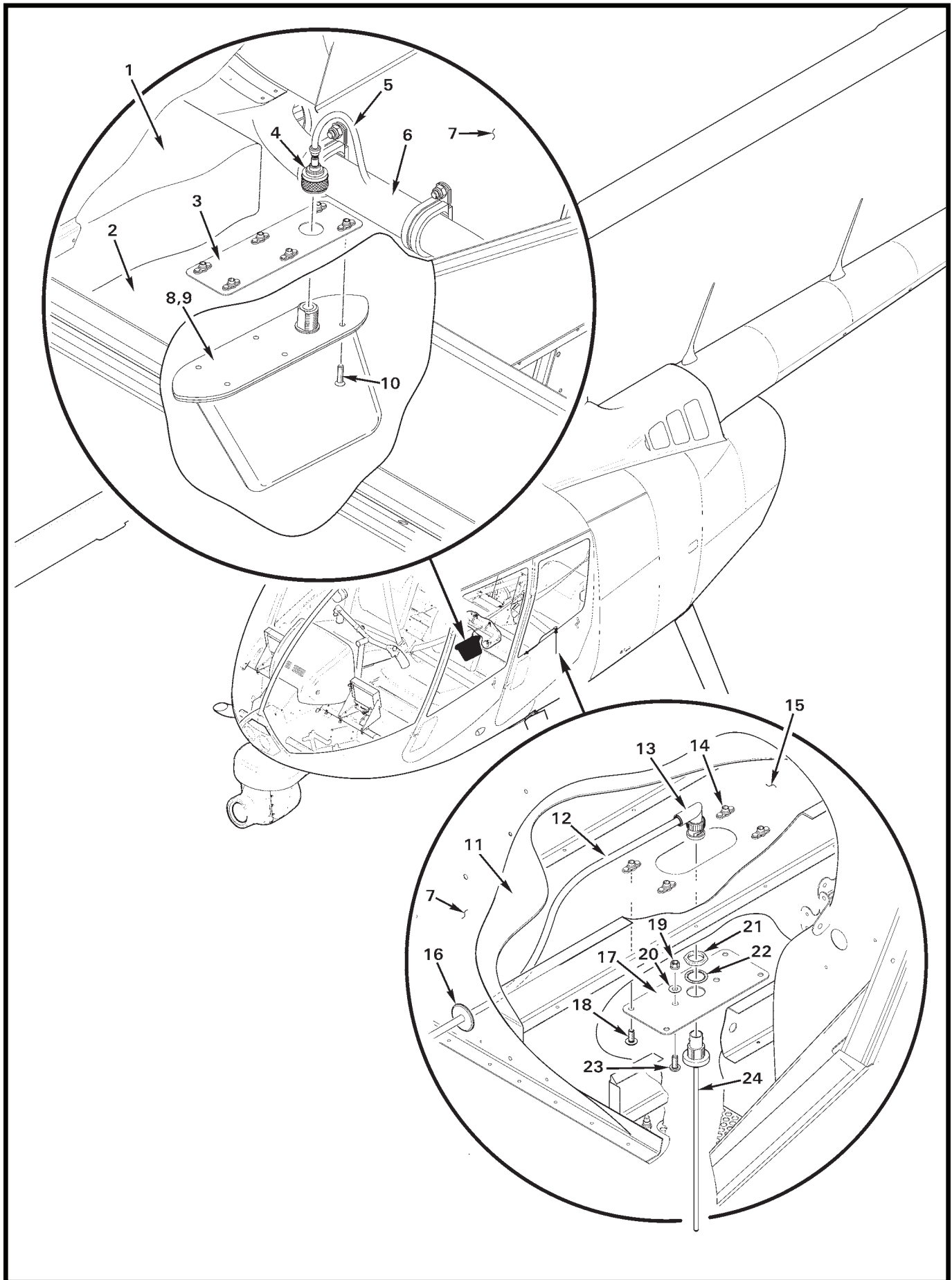


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TV AND SCANNER ANTENNA INSTALLATIONS				
92-43-1	G13000	Router (audio, Ref)		
2	F387-1	Skin (belly, aft; Ref)		
3	B322-14	Plate Assembly	X	1
4	5225966-1	Plug	X	1
5	G459-1219	Cable (Ref)		
6	G459	Harness Assembly (Ref)		
7	G259-1	Bulkhead (lower, Ref)		
8	CI 285	Antenna – UHF (400-960 MHz; install using item 9)	X	1
9	B270-1	Sealant	X	1
10	MS24694-C7	Screw	X	6
11	G241-1	Floor (baggage compartment, Ref)		
12	G459-2811	Cable (Ref)		
13	5221402-2	Plug	X	1
14	MS21069L08K	Nutplate (Ref)		
15	G917-1	Skin (belly, Ref)		
16	MS35489-5	Grommet	X	1
17	B322-11	Plate (install using item 9)	X	1
18	B526-6	Screw	X	4
19	MS21042L08	Nut	X	2
20	NAS1149FN816P	Washer	X	2
21	—	Nut	O	1
22	—	Lockwasher	O	1
23	MS27039C0805	Screw	X	2
24	CI 273	Antenna – FM (403-512 MHz; includes items 21 and 22) . . .	X	1

NOTES

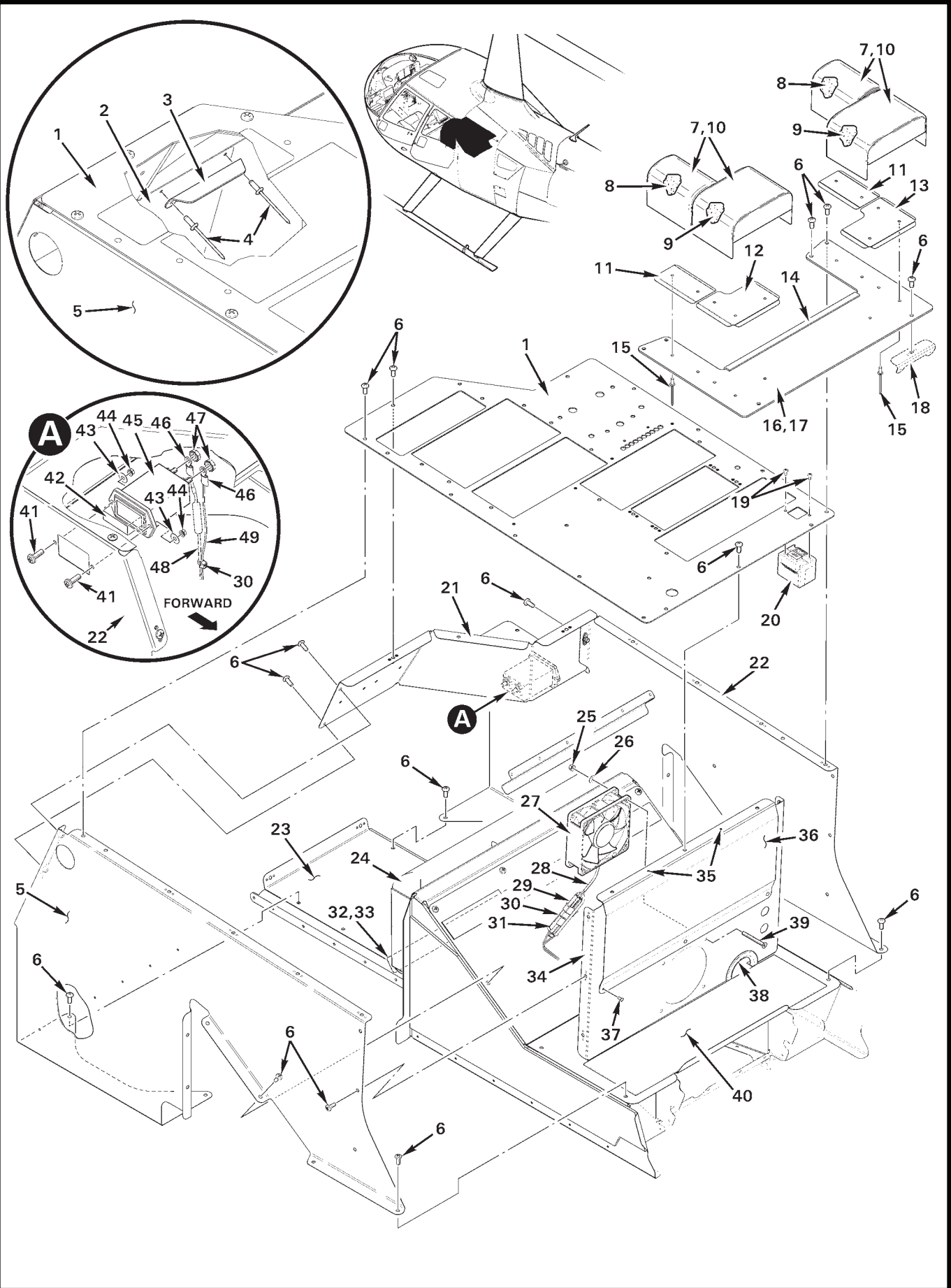


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
AFT CONSOLE ASSEMBLY				
92-45-1	G472-11	Face (standard)	X	1
	G472-12	Face (police scanner)	X	1
	G472-13	Face (AM/FM receiver)	X	1
2	F370-1	Panel (Ref)		
3	G472-14	Angle	X	1
4	B204-1	Rivet	X	2
5	G471-1	Panel Assembly (LH)	X	1
6	MS27039C0806	Screw	X	21
7	B298-__	Leather (-41 Indigo, -43 Silver, -44 Beige, -45 Charcoal) or Velour (-21 Blue, -23 Gray, -24 Tan, -25 Charcoal)	X	A/R
8	G472-16	Foam (small)	X	2
9	G472-17	Foam (large)	X	2
10	B270-8qt	Adhesive	X	A/R
11	G472-7	Support	X	2
12	G472-9	Support (LH)	X	1
13	G472-8	Support (RH)	X	1
14	A226-11	Trim	X	A/R
15	B204-1	Rivet	X	10
16	G472-6	Cover	X	1
17	G472-1	Cushion Assembly (Incl items 7 thru 16)	X	1
18	G472-2	Angle Assembly (Ref)		
19	MS35206-213	Screw	X	2
20	TA202	USB Port	X	1
21	G471-4	Panel Assembly	X	1
22	G471-2	Panel Assembly (RH)	X	1
23	F377-1	Support Assembly (Ref)		
24	G784-1	Evaporator Assembly (Ref)		
25	MS21042L08	Nut	X	4
26	NAS1149FN816P	Washer	X	4
27	D580-4	Fan Assembly(Incl items 28 and 29)	X	1
28	B158-402	Heat Shrink	X	A/R
29	B263-12	Housing	X	1
	B263-1	Pin	X	2
30	MS3367-4-9	Ty-rap	X	2
31	B263-13	Housing (Ref)		

NOTES

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
AFT CONSOLE ASSEMBLY (cont'd)				
92-45-32	G472-19	Plate (mounted onto item 24, install using item 33)	X	1
33	B270-1	Sealant	X	A/R
34	G471-3	Panel Assembly (Incl items 35 thru 38)	X	1
35	NAS1097AD3	Rivet	X	2
36	G471-8	Shield (clear polycarbonate)	X	1
37	MS20470AD3	Rivet	X	3
38	A226-15	Trim	X	A/R
39	MS24694-S19	Screw	X	4
40	G472-18	Pad (self-adhesive)	X	A/R
41	MS35206-229	Screw	X	2
42	D682-19	Decal	X	1
43	NAS1149FN616P	Washer	X	2
44	MS21042L06	Nut	X	2
45	D830-2	Hourmeter (Incl item 47)	X	1
46	B260-3	Terminal	X	2
47	—	Locknut	O	2
48	G459-1626	Wire (Ref)		
	D275-101	Diode	X	1
	B261-2	Splice	X	1
	B158-103	Heat Shrink	X	A/R
49	G459-2568	Wire (Ref)		

NOTES

Intentionally Blank

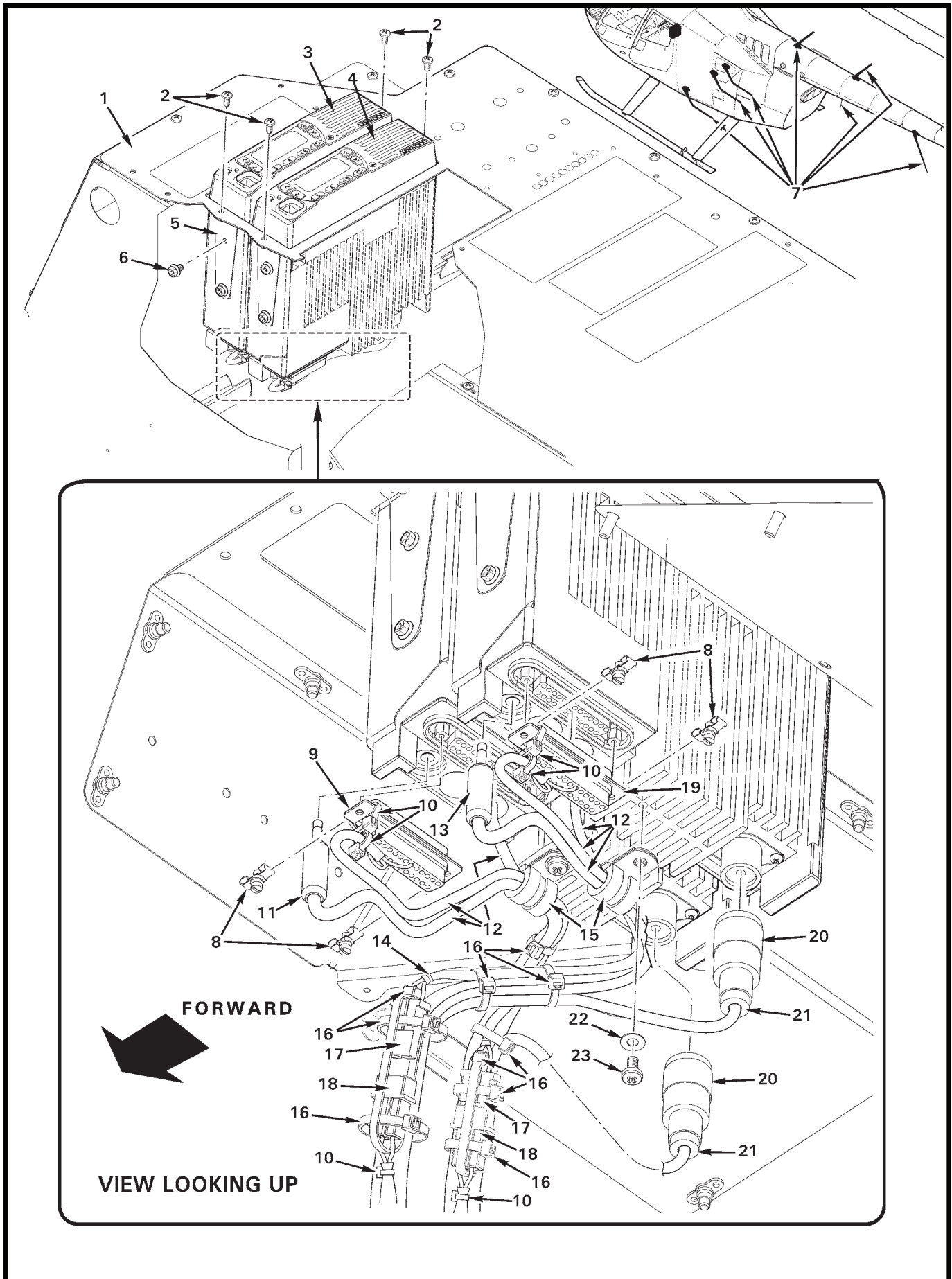


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		FM TRANSCEIVERS INSTALLATION		
92-49-1	G470	Console Assembly (aft, Ref)		
2	MS27039C0805	Screw	X	4
3	A824-8	FM Transceiver (UHF [FM2], includes item 6)	X	1
4	A824-7	FM Transceiver (VHF [FM3], includes item 6)	X	1
	A824-8	FM Transceiver (UHF [FM3], includes item 6)	X	1
5	B344-25	Angle	X	4
6	—	Screw	O	8
7	F850	Antenna Installation (Ref; specific antenna required per transceiver frequency range. One antenna required per transceiver installation. Refer to R66 IPC chapter 6 for antenna installations.)		
8	A269-31	Male Screw Lock	X	2
9	B269-11	Plug	X	2
10	MS3367-4-0	Ty-rap	X	A/R
11	750	Plug	X	1
	-1010*	Wire (Ref)		
12	B266-4	Sleeving	X	A/R
13	750	Plug	X	1
	-1017*	Wire (Ref)		
14	B268-3	Lacing Tape	X	A/R
15	MS21919WDG5	Clamp	X	2
16	MS3367-5-0	Ty-rap	X	A/R
17	B263-12	Housing	X	1
	B263-1	Pin	X	2
18	B263-13	Housing	X	1
	B263-2	Socket	X	2
19	B269-11	Plug	X	1
20	83-1SP-1050	Plug	X	1
21	83-185	Reducer	X	1
22	NAS1149FN816P	Washer	X	2
23	92000A218	Screw	X	2

NOTES * See R66 MM §92 wiring diagrams.

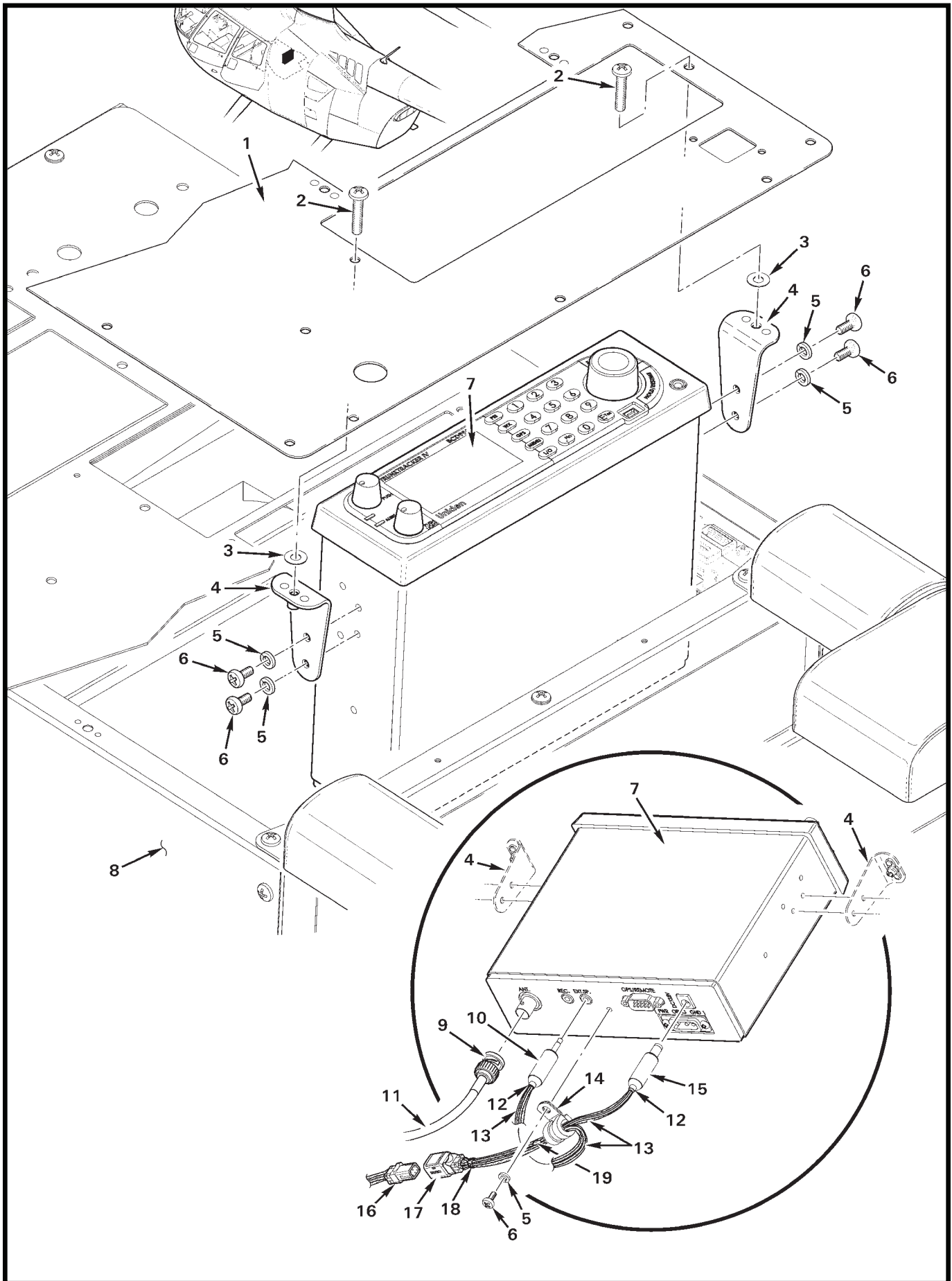


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
SCANNER INSTALLATION				
92-51-1	G472	Face (Ref)		
2	MS27039C0807	Screw	X	2
3	NAS1149FN816P	Washer	X	2
4	D344-19	Angle Assembly	X	2
5	B332-42	Lockwasher	X	4
6	92000A218	Screw	X	4
7	BCD996XT*	Scanner (TrunkTracker IV)	X	1
8	G471-1	Panel (LH, aft console; Ref)		
9	225395-6	Plug	X	1
10	750	Plug	X	1
	-1217**	Wire (blue, Ref)		
	-1217**	Wire (white, Ref)		
11	G459-1219	Cable (antenna, Ref)		
12	B158-2	Heat Shrink	X	A/R
13	B266-4	Sleeving	X	A/R
14	MS21919WDG3	Clamp	X	1
15	S760	Plug	X	1
	-1215**	Wire (power, Ref)		
	-1216**	Wire (ground, Ref)		
16	D269-6	Receptacle (G459 Harness Assembly, Ref)		
17	D269-5	Plug (wires from 10 and 15)	X	1
18	B268-3	Lacing	X	A/R
19	B267-3	Terminator	X	1

NOTES * Uniden America Corp. part no.
 ** See R66 MM §92 wiring diagrams.

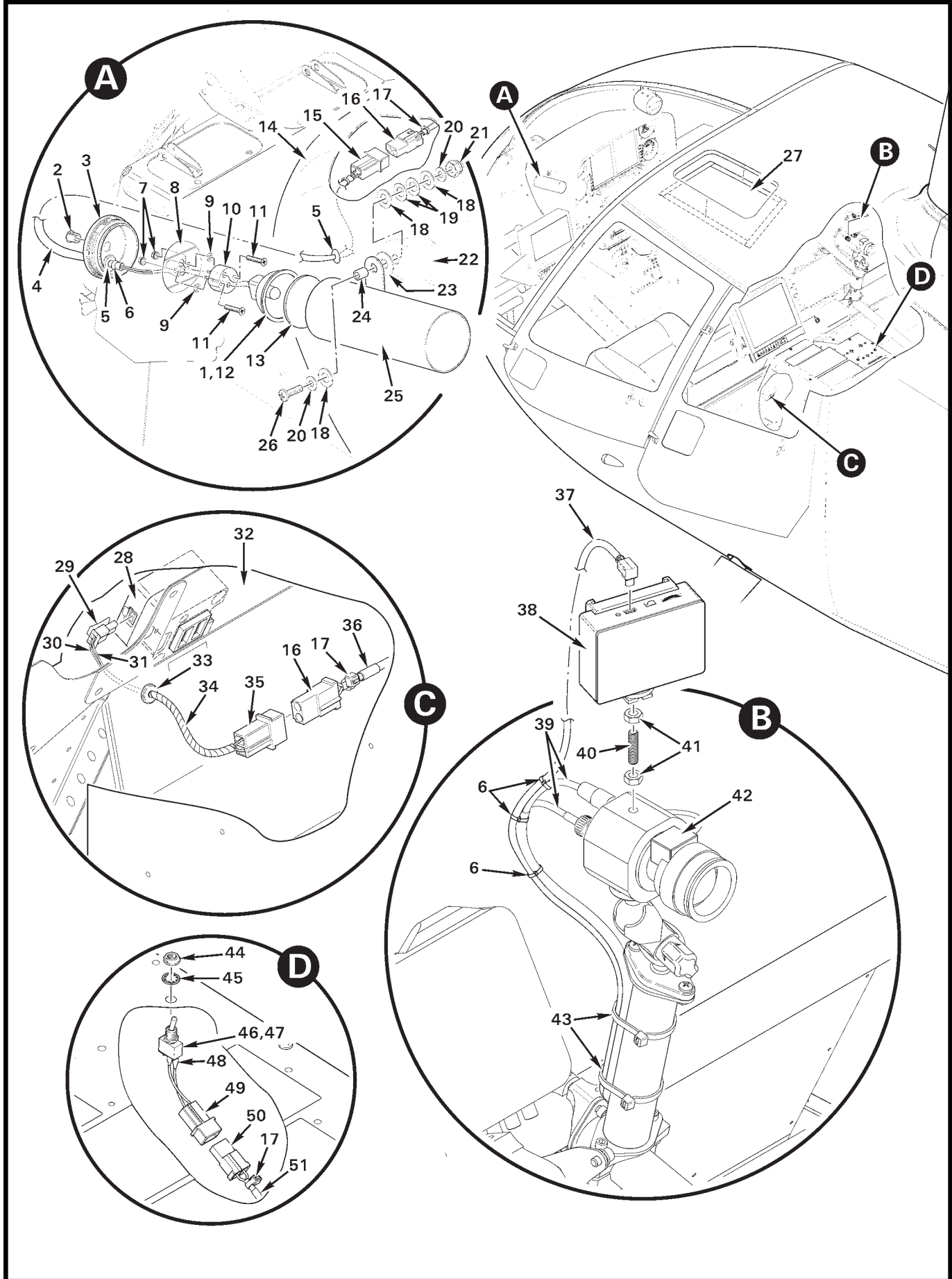


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TALENT LIGHTS INSTALLATION				
92-53-1	D553-1	Light Assembly – Talent (Incl items 2 thru 13, and 25)	X	1
2	2603	Hole Plug	X	1
3	D566-9	Cap	X	1
4	B266-4	Sleeving	X	A/R
5	MS35489-4	Grommet	X	2
6	B268-3	Lacing Tape	X	A/R
7	MS21042L04	Nut	X	2
8	D566-4	Base	X	1
9	NAS620-4	Washer	X	2
10	H9941	Holder	X	1
11	MS24693-S7	Screw	X	2
12	L517A	Lamp (includes wires)	X	1
13	D566-5	Lens	X	1
14	—	Console Assembly (Ref)		
15	B263-32	Housing	X	1
	B263-1	Pin	X	2
16	B263-33	Housing	X	2
	B263-2	Socket	X	2
	G459-1141	Wire (Ref)		
	G459-1142	Wire (Ref)		
	B158-6	Heat Shrink (labeled "TALENT LT")	X	A/R
17	MS3367-4-0	Ty-rap	X	A/R
18	NAS1149F0432P	Washer	X	3
19	B0500-022-S	Belleville Washer	X	2
20	NAS1149FN832P	Washer	X	2
21	B340-4	Nut	X	1
22	D566-10	Bracket (Ref)		
23	A141-7	Washer	X	1
24	A105-5	Journal	X	1
25	D553-2	Housing Assembly	X	1
26	MS27039C0809	Screw	X	1
27	D576-1	Cover Assembly	X	1
28	6430202-2	USB Port (dual, type A and C)	X	1
29	43645-0200	Housing	X	1
	43030-0007	Socket	X	2

NOTES

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TALENT LIGHTS INSTALLATION (Cont'd)				
92-53-30	G459-1377	Wire (Pin "A", Ref)		
31	G459-1376	Wire (Pin "B", Ref)		
32	F461-4	Cover Assembly (Ref)		
33	MS35489-1	Grommet	X	1
34	B161-4	Spirap	X	A/R
35	B263-12	Housing	X	1
	B263-1	Pin	X	2
36	B158-6	Heat Shrink (labeled "AFT LT PWR")	X	A/R
37	—	Cable (mini USB, charging)	O	1
38	ILED-MA	Light (Incl item 37)	X	1
39	—	Cable/Wire (Camera; Ref)		
40	90322A645	Stud	X	1
41	91819A110	Nut	X	2
42	CV345	Camera (Ref)		
43	MS3367-7-0	Ty-rap	X	2
44	B227-4	Dress Nut	X	1
45	B227-3	Lockwasher	X	1
46	B049-9	Switch Assembly (forward talent light; includes items 47, 49, and 51)	X	1
47	B300-1	Switch Assembly (Incl items 44 and 45)	X	1
48	B158-1	Heat Shrink	X	A/R
49	B263-12	Housing	X	1
	B263-1	Pin	X	2
50	B263-13	Housing	X	1
	B263-2	Socket	X	2
	G459-898	Wire (Ref)		
	G459-1141	Wire (Ref)		
	G459-1377	Wire (Ref)		
51	B158-6	Heat Shrink (labeled "FWD LT SW")	X	A/R

NOTES

Intentionally Blank

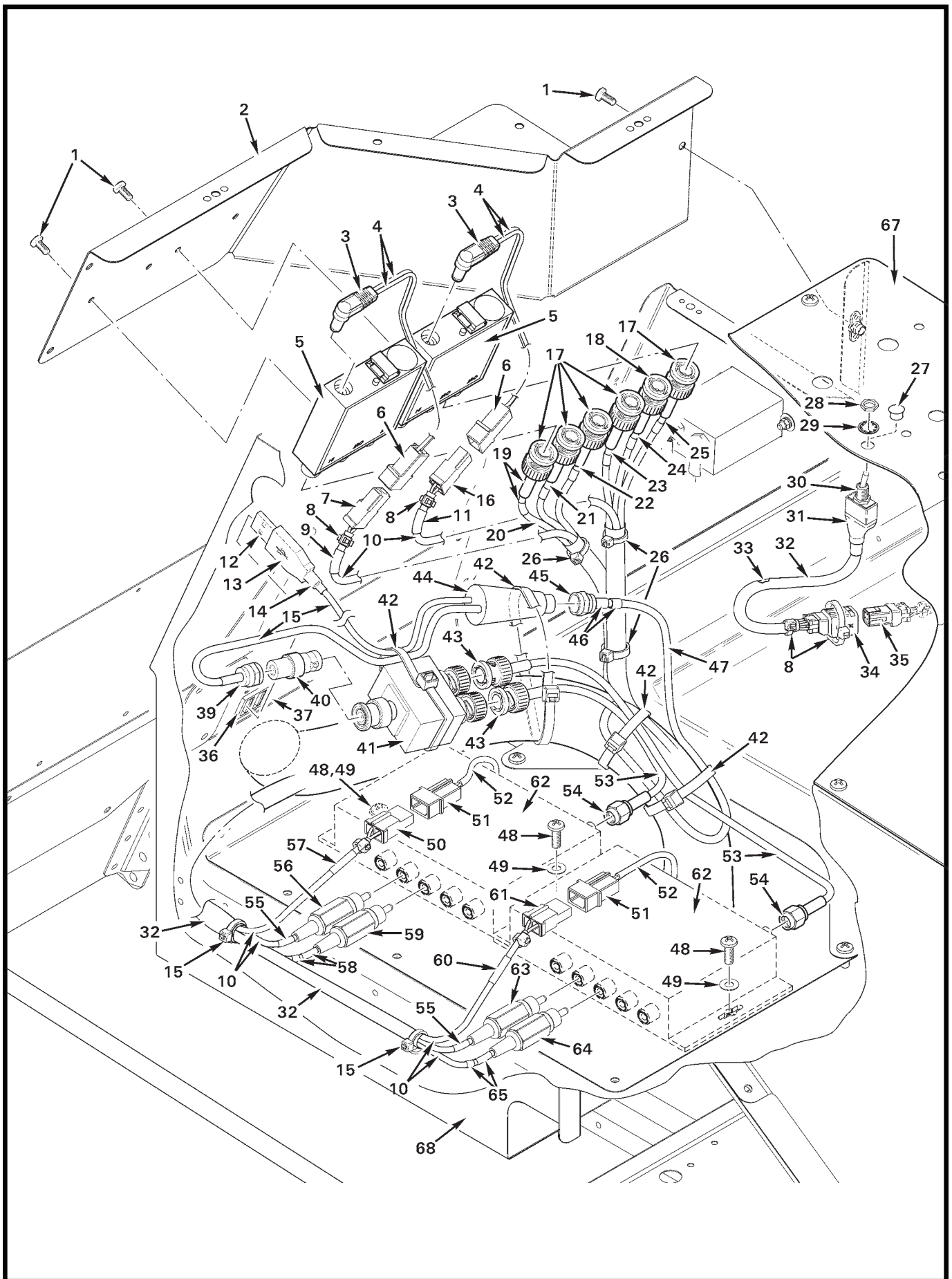


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TV RECEIVER PROVISION INSTALLATION				
92-57-1	MS27039C0806	Screw (Ref)		
2	G471-4	Panel Assembly (Ref)		
3	—	Plug	O	1
4	—	Wire (white, power)	O	1
		Wire (black, ground)	O	1
5	11-911-102	Distribution Amp (Incl items 3 and 4)	X	2
6	B263-12	Housing	X	2
	B263-1	Pin	X	2
7	B263-33	Housing	X	1
	B263-2	Socket	X	2
	G459-1145*	Wire (Ref; power)		
	G459-1146*	Wire (Ref; ground)		
8	MS3367-4-0	Ty-Rap	X	A/R
9	B158-6	Heat Shrink (labeled "DIST AMP 1")	X	A/R
10	B266-4	Sleeving	X	A/R
11	B158-6	Heat Shrink (labeled "DIST AMP 2")	X	A/R
12	AE10091-ND	Plug Assembly (to 5V aux power jack)	X	1
	—	Wire (red pin #1, VBUS; Ref)		
	—	Wire (black pin #2, ground; Ref)		
	B158-804	Heat Shrink	X	A/R
13	AE10090-ND	Hood	X	1
14	B158-804	Heat Shrink	X	A/R
15	—	Wire	O	1
16	B263-33	Housing	X	1
	B263-2	Socket	X	2
	G459-2808*	Wire (Ref, power)		
	G459-2810*	Wire (Ref, ground)		
17	2065-11-9	Plug (or 2025-47-9; BNC)	X	5
18	10-03001-215	Plug (BNC)	X	1
19	B158-6	Heat Shrink	X	A/R
20	G459-761*	Wire (Ref; item 19 labeled "IN" and "761")		
21	G459-780*	Wire (Ref; item 19 labeled "OUT" and "780")		
22	G459-1836*	Wire (Ref; item 19 labeled "OUT" and "1836")		
23	G459-2807*	Wire (Ref; item 19 labeled "IN" and "2807")		
24	G459-2797*	Wire (Ref; item 19 labeled "OUT" and "2797")		

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TV RECEIVER PROVISION INSTALLATION (Cont'd)				
92-57-25	G459-2799*	Wire (Ref, item 19 labeled "OUT" and "2799")		
	G471-2	Panel Assembly (Ref)		
26	MS3367-5-0	Ty-rap	X	A/R
27	2603	Hole Plug (if item 30 is not installed)	X	1
28	B227-4	Dress Nut	X	1
29	B227-3	Lockwasher	X	1
30	B300-2	Switch Assembly (TV tuner audio; includes items 28 and 29)	X	1
	B158-2	Heat Shrink (around wires/terminals)	X	A/R
31	B158-8	Heat Shrink (around switch assembly)	X	A/R
32	B266-8	Sleeving	X	A/R
33	-1095*	Wire (blue, Ref)		
	-1095*	Wire (white, Ref)		
	-1096*	Wire (Ref)		
	-2806*	Wire (Ref)		
	—	Wire (shield, Ref)		
	—	Wire (shield, Ref)		
34	D269-5	Plug	X	1
35	D269-6	Receptacle	X	1
	B267-2	Terminator	X	2
	B158-2	Heat Shrink (around wires)	X	A/R
36	6430102-2	USB Port (Ref)		
37	F461-5	Cover (Ref)		
38	—	Wire	O	1
39	—	Plug	O	1
40	242161	Adapter	X	1
41	D590-1	Splitter Assembly	X	1
42	MS3367-7-0	Ty-rap	X	A/R
43	2065-11-9	Plug	X	2
44	MH-110600	Amplifier (Incl items 15 and 38)	X	1
45	5221185-2	Plug	X	1
46	B158-6	Heat Shrink (labeled "TUNER" and "-2811")	X	A/R
47	G459-2811*	Wire (Ref)		
48	MS27039C0807	Screw	X	3
49	NAS1149FN816P	Washer	X	3

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
TV RECEIVER PROVISION INSTALLATION (Cont'd)				
92-57-50	B263-33	Housing	X	1
	B263-2	Socket	X	2
	G459-935*	Wire (Ref)		
	G459-2808*	Wire (Ref)		
	G459-2809*	Wire (Ref)		
51	B263-12	Housing	X	2
	B263-1	Pin	X	2
52	—	Power Cable	O	A/R
53	B274-525	Wire	X	A/R
54	132242	Plug (SMA)	X	2
	B158-804	Heat Shrink	X	A/R
55	B158-6	Heat Shrink (labeled "AUDIO")	X	A/R
56	174-4356	Plug	X	1
	B158-2	Heat Shrink	X	A/R
57	B158-6	Heat Shrink (labeled "TUNER 2 PWR")	X	A/R
58	B158-6	Heat Shrink (labeled "VID OUT" and "-2807")	X	A/R
59	174-4356	Plug	X	1
	G459-2807*	Wire (Ref; see R66 MM §92 wiring diagrams)		
60	B158-6	Heat Shrink (labeled "TUNER 1 PWR")	X	A/R
61	B263-33	Housing	X	1
	B263-2	Socket	X	2
	G459-935*	Wire (Ref)		
	G459-1006*	Wire (Ref)		
62	G459-1145*	Wire (Ref)		
	—	TV Receiver (Incl item 52)	O	2
63	174-4356	Plug	X	1
	G459-1096*	Wire (Ref)		
64	174-4356	Plug	X	1
	G459-761*	Wire (Ref)		
65	B158-6	Heat Shrink (labeled "VID OUT" and "-761")	X	A/R
66	F463-2	Cover (Ref)		
67	G472	Face (Ref)		
68	G471-1	Panel Assembly (LH, aft console; Ref)		

NOTES * See R66 MM §92 wiring diagrams.

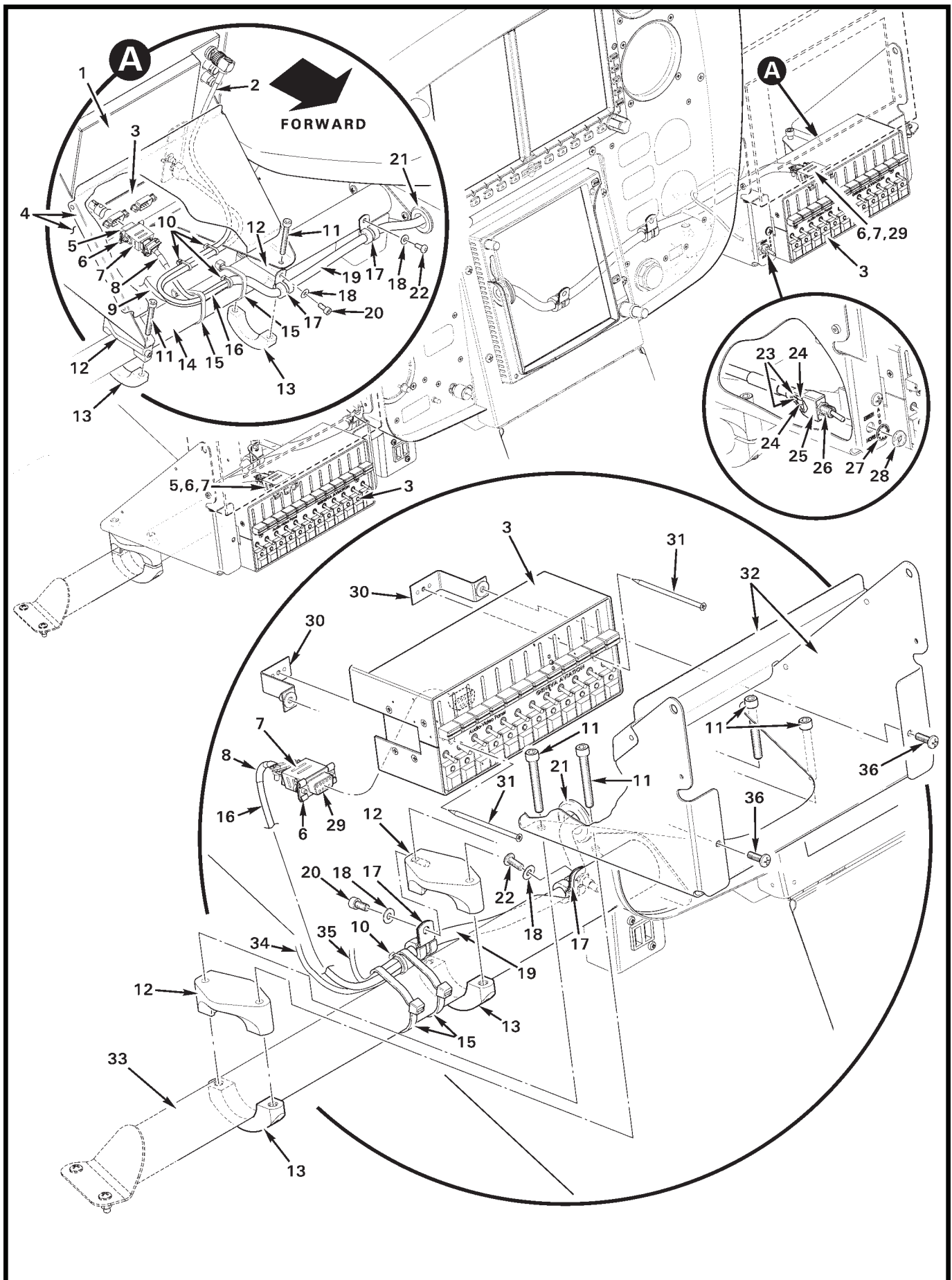


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		GENEVA AUDIO – FORWARD AUDIO PANELS		
92-61-1	BVB07	Monitor (Ref)		
2	G459-779	Wire (pilot monitor, Ref)		
3	G11431-00102-1	Audio Panel (Incl item 30)	X	2
4	G474-15	Cover Assembly (RH)	X	1
5	B269-4	Receptacle	X	1
	B158-2	Heat Shrink	X	A/R
	B158-4	Heat Shrink	X	A/R
	G459-1026	Wire (Ref)		
	G459-1027	Wire (Ref)		
	G459-1028	Wire (Ref)		
	G459-1029	Wire (Ref)		
6	B269-31	Screw Lock (male)	X	2
7	B269-21	Backshell	X	2
8	B158-6	Heat Shrink	X	A/R
9	G459-980	Wire (pilot monitor, Ref)		
	G459-980	Wire (pilot monitor, Ref)		
10	MS3367-4-0	Ty-rap	X	A/R
11	NAS1351-3-24	Screw	X	8
12	B630-3	Clamp	X	2
13	B630-2	Clamp Assembly	X	2
14	G703-5	Support Assembly (RH, Ref)		
15	MS3367-7-0	Ty-rap	X	4
16	B266-4	Sleeving	X	A/R
17	MS21919WDG5	Clamp	X	4
18	NAS1149FN816P	Washer	X	2
19	B266-8	Sleeving	X	A/R
20	NAS1352-08-06	Screw	X	2
21	MS35489-17	Grommet	X	2
22	MS27039C0806	Screw	X	2
23	G459-1097	Wire (Ref)		
	G459-1098	Wire (Ref)		
24	B158-2	Heat Shrink (around item 23)	X	A/R
25	B158-808	Heat Shrink (around item 23)	X	A/R
26	B300-1	Switch Assembly (Incl items 27 and 28)	X	1
27	B227-3	Lockwasher	X	1

NOTES

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
GENEVA AUDIO – FORWARD AUDIO PANELS (Cont'd)				
92-61-28	B227-4	Dress Nut	X	1
29	B269-4	Receptacle	X	1
	B158-2	Heat Shrink	X	A/R
	B158-4	Heat Shrink	X	A/R
	G459-267*	Wire (Ref)		
	G459-1030*	Wire (Ref)		
	G459-31*	Wire (Ref)		
	G459-32*	Wire (Ref)		
	G459-33*	Wire (Ref)		
30	D344-4	Angle Assembly	X	4
31	—	Screw	O	2
32	G474-14	Cover Assembly (LH)	X	1
	G474-15	Cover Assembly (RH)	X	1
33	G705-8	Support Assembly (LH, Ref)		
34	G459-780*	Wire (Ref)		
35	G459-979*	Wire (Ref)		
	G459-981*	Wire (Ref)		
36	MS27039C0808	Screw	X	4

NOTES *

Intentionally Blank

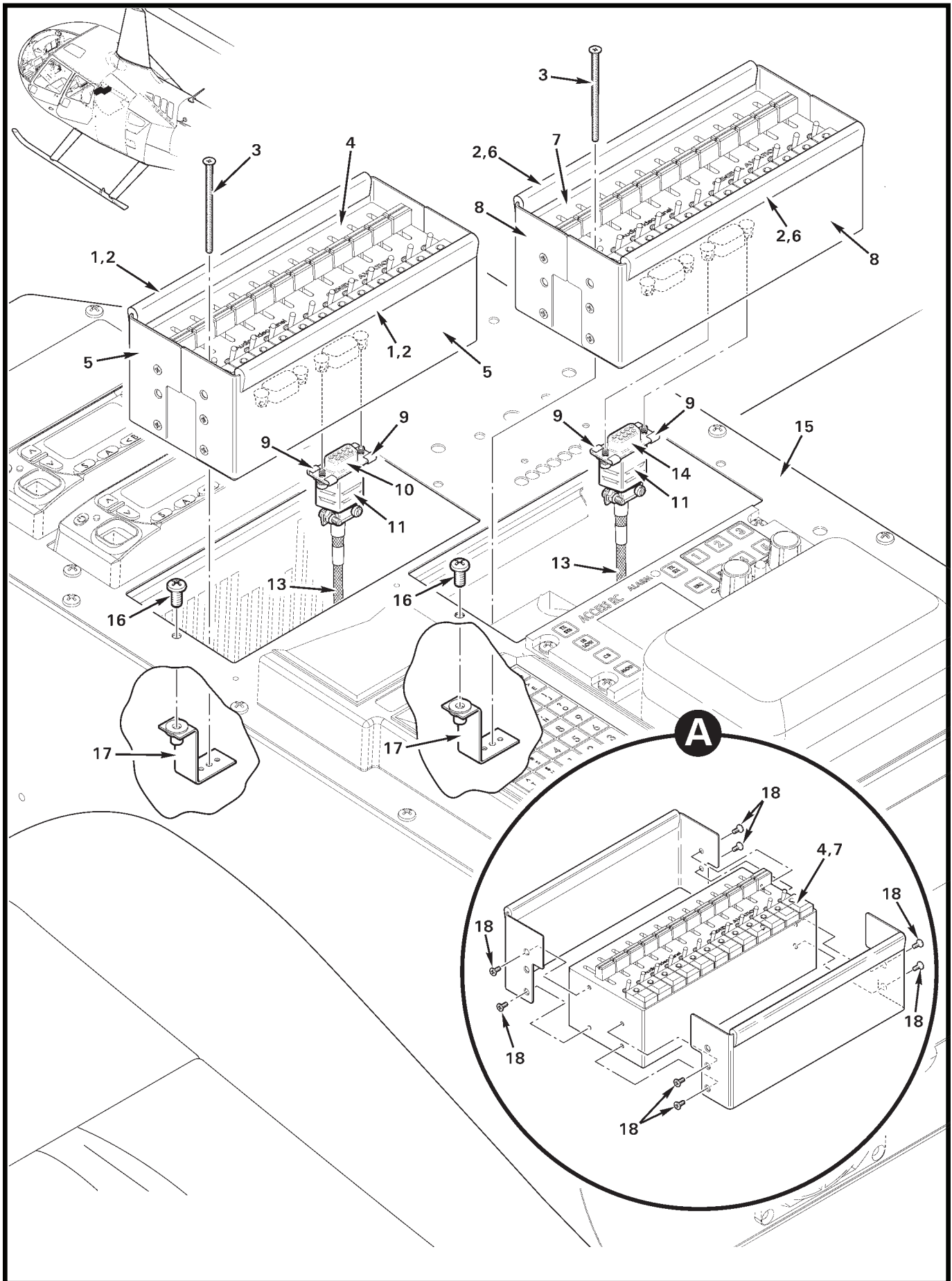


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
GENEVA AUDIO – AFT AUDIO PANELS				
92-65-1	4869A66	Trim (black, install using item 2)	X	2
2	B270-13	Adhesive	X	A/R
3	—	Screw	O	2
4	D579-7	Audio Panel (PAX-photo; includes items 3 and 18)	X	1
5	D557-5	Cover	X	2
6	4869A1	Trim (orange, install using item 2)	X	A/R
7	D579-9	Audio Panel (microwave; includes items 3 and 18)	X	1
8	D557-4	Cover Assembly (Incl items 2 and 6)	X	1
9	B269-31*	Screw Lock (male)	X	2
10	B269-4*	Receptacle	X	1
11	B269-21*	Backshell	X	1
12	B158-4	Heat Shrink	X	A/R
	B158-2	Heat Shrink (around wires)	X	A/R
13	B266-4*	Sleeving	X	A/R
14	B269-19*	Plug	X	1
15	G470	Console Assembly (aft, Ref)		
16	MS27039C0806	Screw	X	4
17	D344-4	Angle Assembly	X	2
18	—	Screw	O	8

NOTES * Ref, from G459-1 harness assembly.

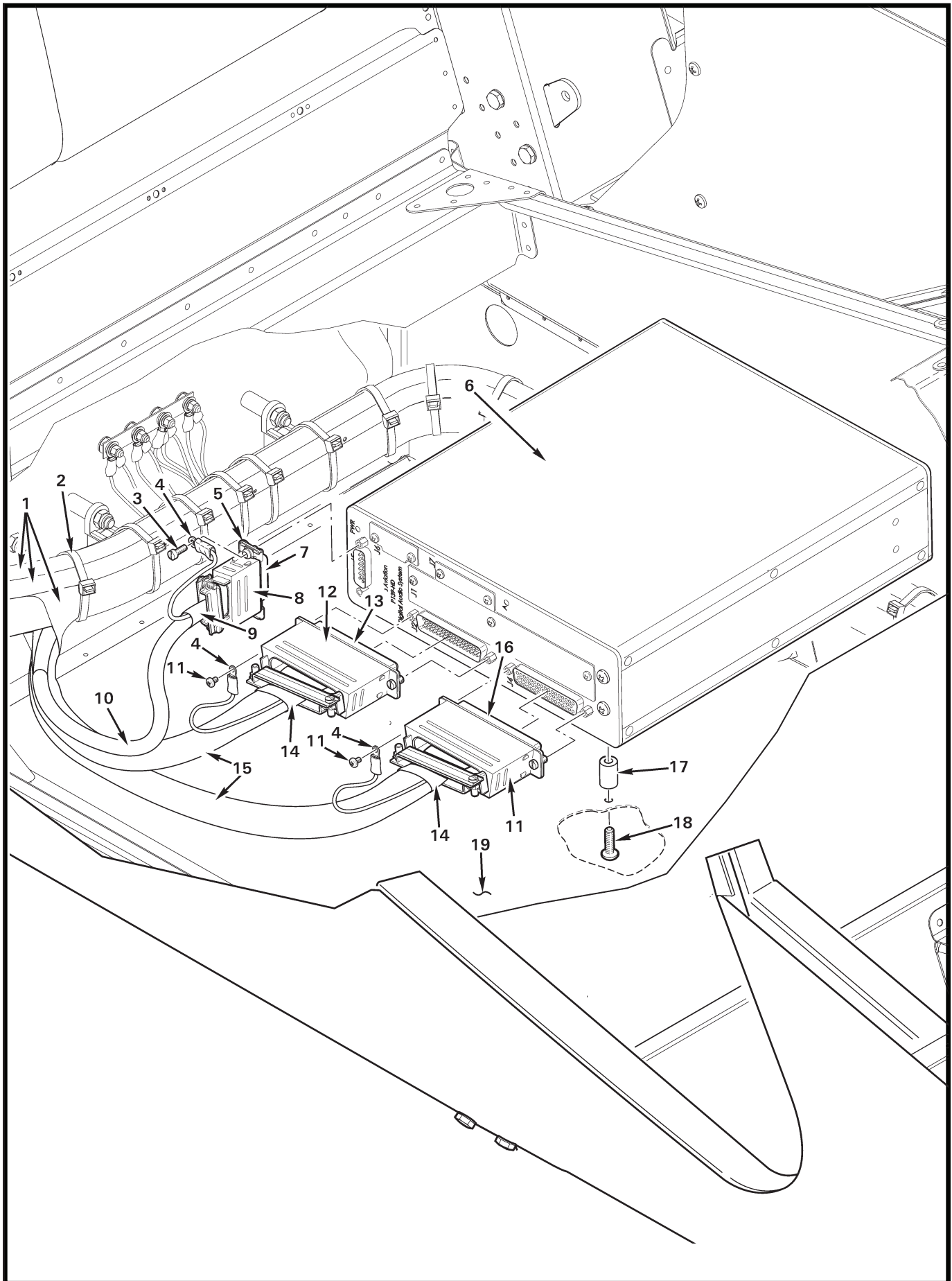


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
GENEVA AUDIO – DIGITAL ROUTER				
92-67-1	G459-1	Harness Assembly (Ref)		
2	MS3367-7-0	Ty-rap	X	A/R
3	—	Screw	X	1
4	B260-1	Terminal	X	3
5	B269-31	Male Screw Lock (Incl item 3)	X	2
6	G13000	Router (P139HD Digital)	X	1
7	B269-6	Receptacle	X	1
	B267-2*	Terminator	X	A/R
	B267-3*	Terminator	X	A/R
8	B269-22	Backshell	X	1
9	B158-6	Heat Shrink	X	A/R
10	B266-4	Sleeving	X	A/R
11	MS35206-212	Screw	X	2
12	B269-25	Backshell	X	2
13	B269-20	Receptacle (J2)	X	1
	B269-62*	Socket	X	3
	B267-2*	Terminator	X	A/R
	B267-3*	Terminator	X	A/R
	RNC55H4120FS*	Resistor	X	2
14	B158-12	Heat Shrink	X	A/R
15	B266-8	Sleeving	X	A/R
16	B269-19	Plug (J4)	X	1
	B261-61	Pin	X	10
	B267-2*	Terminator	X	A/R
	B267-3*	Terminator	X	A/R
	B267-4*	Terminator	X	A/R
17	C130-51	Spacer	X	4
18	MS27039C1-18	Screw	X	4
19	F387-1	Skin (Ref)		

NOTES * Ref, from G459-1 harness assembly.

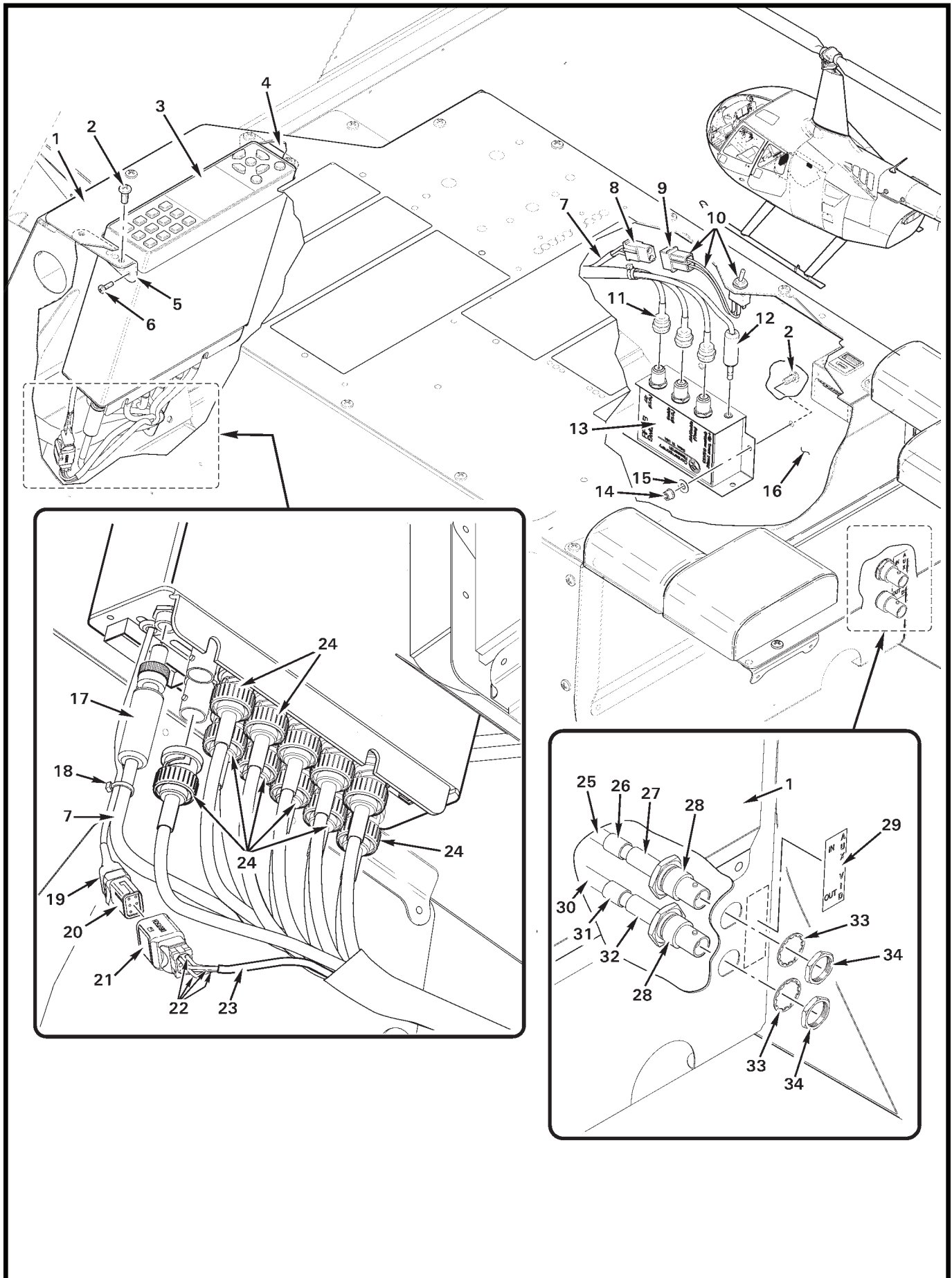


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		VIDEO COMPONENTS INSTALLATION		
92-69-1	G470	Console Assembly (aft, Ref)		
2	MS27039C0806	Screw	X	6
3	BENXT430X	Video Router	X	1
4	D344-29	Angle Assembly (RH)	X	1
5	D344-27	Angle Assembly (LH)	X	1
6	MS35206-215	Screw	X	4
7	B161-4	Sleeving	X	A/R
8	B263-13	Housing	X	1
	B263-2	Socket	X	1
	B263-4	Socket	X	1
9	B263-12	Housing	X	1
	B263-1	Pin	X	2
10	B049-9	Switch Assembly (Includes item 9, wires, switch, heat shrink, assembled)	X	1
	B300-1	Switch Assembly	X	1
11	222126	Plug	O	3
12	171-2035	Plug	X	1
	B158-2	Heat Shrink	X	1
13	RH-AB	Switch – Video	X	1
14	MS21042L08	Nut	X	2
15	NAS1149FN816P	Washer	X	2
16	G471-6	Panel (RH, Ref)		
17	S761K	Plug	X	1
	B158-2	Heat Shrink	X	A/R
18	MS3367-4-0	Ty-rap (black)	X	A/R
19	B158-6	Heat Shrink (around item 20)	X	A/R
20	D269-6	Receptacle	X	1
21	D269-5	Receptacle	X	1
22	-2805*	Wires ([4] total, Ref)		
23	B158-2	Heat Shrink	X	A/R
24	2065-11-9	Plug (or 2025-47-9, BNC)	X	11
	B158-3	Heat Shrink	X	A/R
25	G459-2852*	Wire (Ref)		
26	B158-6	Heat Shrink (labeled "AUX VID IN")	X	A/R
27	B158-6	Heat Shrink (labeled "-2852")	X	1

NOTES * See R66 MM §92 wiring diagrams.

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
VIDEO COMPONENTS INSTALLATION (cont'd)				
92-69-28	112568	Jack (BNC, includes items 33 and 34)	X	2
29	G654-10	Decal – "AUX VID, IN, OUT"	X	1
30	G459-2853	Wire (Ref; see R66 MM §92 wiring diagrams)		
31	B158-6	Heat Shrink (labeled "-2853")	X	A/R
32	B158-6	Heat Shrink (labeled "AUX VID OUT")	X	A/R
33	—	Lockwasher	O	1
34	—	Nut	O	1
NOTES				

Intentionally Blank

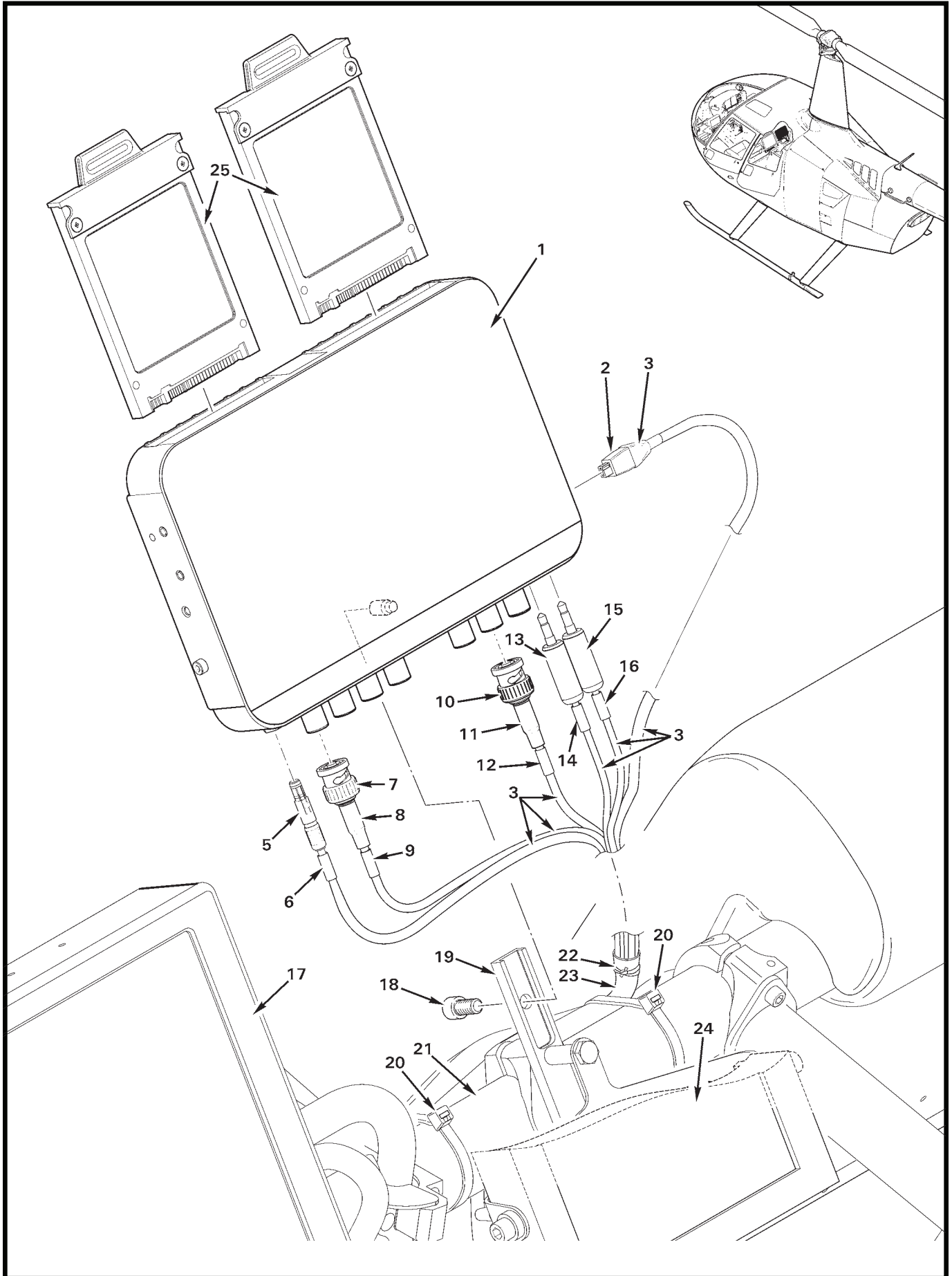


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
DVR/MONITOR INSTALLATION				
92-73-1	ODYSSEY7Q	DVR/Monitor (or ODYSSEY7QPLUS)	X	1
2	B158-804	Heat Shrink	X	A/R
3	B266-4	Sleeving	X	A/R
4	MQ172X-4SA-CV	Plug	X	1
	G459-2816*	Wire (Ref)		
5	NSC3F	Connector	X	1
	G459-904*	Wire (Ref)		
	G459-955*	Wire (Ref)		
6	B158-3	Heat Shrink (labeled "DVR PWR")	X	A/R
7	2065-11-9	Plug (BNC; or 2025-47-9)	X	1
	G459-758*	Wire (Ref; see R66 MM §92 wiring diagrams)		
8	B158-3	Heat Shrink (labeled "SDI A IN")	X	A/R
9	B158-3	Heat Shrink (labeled "-758")	X	A/R
10	2065-11-9	Plug (BNC; or 2025-47-9)	X	1
	G459-753*	Wire (Ref)		
11	B158-3	Heat Shrink (labeled "SDI A OUT")	X	A/R
12	B158-3	Heat Shrink (labeled "-753")	X	A/R
13	750	Plug	X	1
	G459-965*	Wire (Ref)		
14	B158-3	Heat Shrink (labeled "AUD IN")	X	A/R
15	750	Plug	X	1
	G459-968*	Wire (Ref)		
16	B158-3	Heat Shrink (labeled "AUD OUT")	X	A/R
17	HD10CINEROB	Monitor (Ref)		
18	NAS1352-4-8	Screw	X	1
19	G474-3	Bar (Ref)		
20	MS3367-7-0	Ty-rap	X	A/R
21	F423-1	Weldment (Ref)		
22	B268-3	Lacing Tape	X	A/R
23	B266-8	Sleeving	X	A/R
24	VFM-056W	Monitor (Ref)		
25	—	Solid State Drive (Ref; removable)		

NOTES * See R66 MM §92 wiring diagrams.

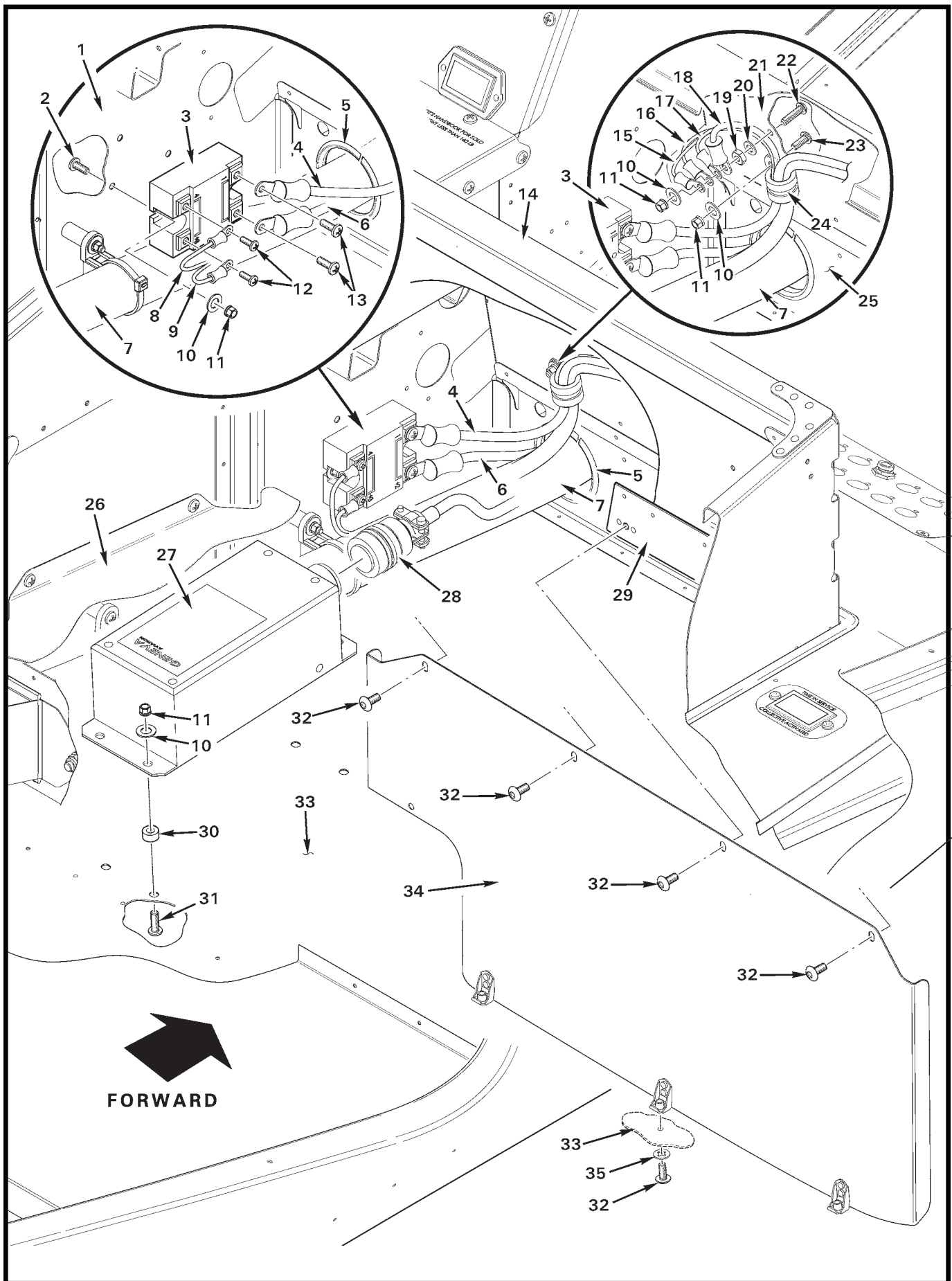


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
		G459 AUX ELECTRICAL SYSTEM – HARNESS ASSEMBLY		
92-75-1	F293-2	Keel Panel (RH, Ref)		
2	MS27039C0806	Screw	X	2
3	D06D100	Relay (Incl items 12 and 13)	X	1
4	G459-874*	Wire (Ref)		
5	NAS227-28	Grommet	X	1
6	A780-63	Cable Assembly (Ref)		
7	G459-1	Harness Assembly (Ref)		
8	G459-872*	Wire (Ref)		
9	G459-2406*	Wire (Ref)		
10	NAS1149FN816P	Washer	X	8
11	MS21042L08	Nut	X	8
12	—	Screw (small)	O	2
13	—	Screw (large)	O	2
14	F290-2	Support Assembly – Forward Seat (RH, Ref)		
15	G459-877*	Wire (Ref)		
16	G459-977*	Wire (Ref)		
17	G459-1142*	Wire (Ref)		
18	G459-2825*	Wire (Ref)		
19	B301-8	Nut	X	1
20	NAS1149DN832H	Washer	X	1
21	F352-2	Panel – Fwd (RH, Ref)		
22	B567-43	Screw	X	1
23	MS27039C0805	Screw	X	1
24	MS21919WDG__	Clamp (-4 thru -26 as required to prevent slack in harness) . .	X	1
25	G230-2	Bulkhead (RH, Ref)		
26	G702-11	Cover (Ref)		
27	G13053	Converter	X	1
28	D392-12	Harness Assembly	X	1
29	F362-5	Beam Assembly (Ref)		
30	A130-21	Spacer	X	4
31	MS27039C0809	Screw	X	4
32	B526-6	Screw	X	7
33	F272-1	Chin (Ref)		
34	G702-5	Cover Assembly (ENG)	X	1
	G702-9	Cover Assembly (SAS and ENG)	X	1

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
92-75-35	B527-08	G459 AUX ELECTRICAL SYSTEM – HARNESS ASSEMBLY (Cont'd) Washer	X	3
NOTES				

Intentionally Blank

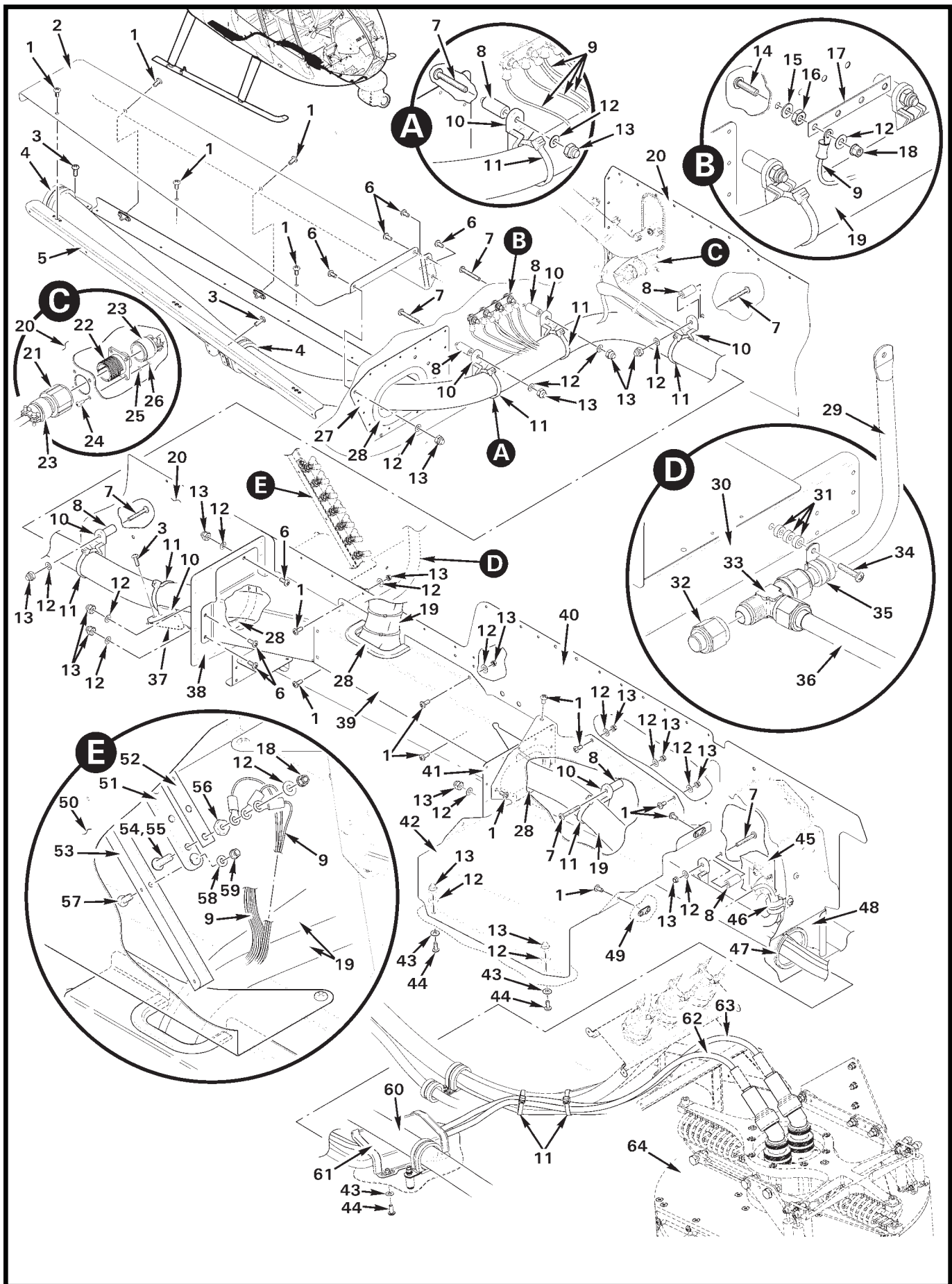


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
E.N.G. WIRE HARNESS INSTALLATION				
92-79-1	MS27039C0805	Screw	X	15
2	G701-1	Guard	X	1
3	MS27039C0807	Screw	X	3
4	MS21919WDG__	Clamp	X	2
5	G701-3	Angle Assembly (Ref)		
6	MS27039C0806	Screw	X	11
7	MS27039C819	Screw	X	5
8	C130-56	Spacer	X	5
9	G459*	Ground Wires (Ref)		
10	D268-2	Support	X	7
11	MS3367-7-0	Ty-rap	X	A/R
12	NAS1149FN816P	Washer	X	31
13	B340-4	Nut	X	15
14	B567-43	Screw	X	4
15	NAS1149DN832H	Washer	X	2
16	B301-8	Nut	X	4
17	A448-10	Bus Bar (4 holes)	X	1
18	MS21042L08	Nut	X	18
19	G459-1	Harness Assembly – Electrical (E.N.G.; Incl items 9, 21, and 23)	O	1
20	F292-2	Keel Panel (RH, aft; Ref)		
21	D38999/26FC	Plug	X	1
	B267-2	Terminator	X	A/R
	B158-8	Heat Shrink	X	A/R
	G459-1118*	Wire (Ref)		
	G459-1120*	Wire (Ref)		
	G459-1122*	Wire (Ref)		
	G459-1124*	Wire (Ref)		
	G459-1126*	Wire (Ref)		
	G459-1134*	Wire (Ref)		
	G459-1135*	Wire (Ref)		
	G459-1136*	Wire (Ref)		
	G459-1137*	Wire (Ref)		
	G459-1138*	Wire (Ref)		
	G459-1225*	Wire (Ref)		
	G459-1492*	Wire (Ref)		

NOTES * See R66 MM §92 wiring diagrams.

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
E.N.G. WIRE HARNESS INSTALLATION (cont'd)				
92-79-22	38999/20FC	Receptacle	X	1
23	MS5049/38-13W	Backshell	X	2
24	MS35206-214	Screw	X	4
25	NAS620-4L	Washer	X	4
26	MS21042L04	Nut	X	4
27	G701-2	Doubler (Ref)		
28	A226-15	Trim	X	A/R
29	G392-3	Diffuser Assembly (Ref; see Figure 21-35)		
30	F375-2	Channel (Ref)		
31	A130-37	Spacer	X	3
32	AN929-8D	Cap	X	1
33	AN824-8D	Tee (Ref, see Figure 21-35)		
34	MS27039C813	Screw	X	1
35	MS21919WCH8	Clamp	X	1
36	G391-4	Line Assembly (Ref; see Figure 21-35)		
37	G701-9	Mount Assembly (Ref)		
38	G700-1	Doubler (Ref)		
39	G700-3	Cover Assembly	X	1
40	F293-2	Keel Panel (RH, Ref)		
41	G700-2	Doubler (Ref)		
42	G702-11	Cover	X	1
43	B527-08	Washer	X	6
44	B526-6	Screw	X	6
45	D06D100	Relay (Ref, see Figure 92-75)		
46	MS21919WDG	Clamp (Ref, see Figure 92-75)		
47	NAS557-28	Grommet	X	1
48	G230-2	Bulkhead (RH, Ref)		
49	G702	Cover Assembly (Ref, see Figure 92-75)		
50	G471-2	Panel Assembly (RH, aft console; Ref)		
51	C448-3	Block Assembly (Incl items 52, and 54 thru 56)	X	1
52	A448-14	Bus Bar (eight holes)	X	1
53	G307-7	Stiffener (Ref)		
54	B567-43	Screw (install using item 55)	X	8
55	B270-9	Adhesive	X	A/R
56	B301-8	Nut	X	8

NOTES

Continues

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	QTY PER ASSY
E.N.G. WIRE HARNESS INSTALLATION (cont'd)				
92-79-57	MS35206-228	Screw	X	2
58	NAS620-6	Washer	X	2
59	MS21042L06	Nut	X	2
60	A785-39	Heater Hose (Ref; see Figure 21-33)		
61	G555-4	Shield Assembly	X	1
62	E204-6	Cable Assembly (Ref; see Figure 92-27)		
63	E195-2	Cable Assembly (Ref; see Figure 92-27)		
64	E801-1	Gimbal Assembly (Ref; see Figure 92-27)		
NOTES				

Intentionally Blank