

R66 SERVICE BULLETIN SB-38

DATE: 23 October 2020

TO: R66 Owners, Operators, & Maintenance Personnel

SUBJECT: F018-1 Clutch Assembly

EFFECTIVITY: F018-1 clutch assemblies listed below. (Originally installed in R66 Helicopters S/N 0988, 0989, and 0992 thru 0996 as well as spare clutch assemblies shipped January thru June 2020). Note: Affected F018-1 clutch assemblies are identified by A188-2 sprag clutch serial number on data plate.

R66 S/N	F018-1 Clutch Assembly with A188-2 Sprag Clutch S/N
0988	13031
0989	13073
0992	13080
0993	13081
0994	13051
0995	13053
0996	13054

Spare F018-1 Clutch Assembly with A188-2 Sprag Clutch S/N	
13029	13100
13050	13104
13056	13105
13076	13016
13088	

TIME OF COMPLIANCE: Within next 300 flight hours or by 30 April 2021, whichever occurs first.

BACKGROUND: RHC found some clutch assembly yokes may not have met material hardness specifications. This bulletin requires the above clutch assemblies be replaced.

COMPLIANCE PROCEDURE:

1. Order replacement F018-1 clutch assembly from RHC Customer Service.
2. For affected helicopters:
 - a. Replace F018-1 clutch assembly per R66 Maintenance Manual (MM) § 63-12.
 - b. Balance F642 engine shaft per MM § 18-72.
 - c. Install engine and tailcone cowlings per MM §§ 53-21 and 53-23.
 - d. Make appropriate maintenance record entries.
3. Return affected F018-1 clutch assemblies to RHC for core credit.

(OVER)

APPROXIMATE COST:

Parts: \$2300 core charge refunded when affected F018-1 clutch assembly is returned to RHC.

Labor: 6.0 man-hours.