

R66 SERVICE BULLETIN SB-31

DATE: 29 July 2019

TO: R66 Owners, Operators, and Maintenance Personnel

SUBJECT: Battery Compartment Stiffener

EFFECTIVITY: R66 Helicopters S/N 0003 thru 0932, except 0912, 0918, 0927, 0929, and 0930.

TIME OF COMPLIANCE: By 31 October 2019.

BACKGROUND: This bulletin requires installing a beam above the battery to stiffen the panel which supports the fuel bladder. This will prevent the battery hold-down bracket from deflecting due to changes in fuel quantity.

COMPLIANCE PROCEDURE:

1. For each affected helicopter, order one KI-263 Battery Compartment Stiffener Installation Kit:
 - R66 Helicopters S/N 0003 thru 0478, except 0474 and 0475, require KI-263-1.
 - R66 Helicopters S/N 0474, 0475, and 0479 and subsequent, equipped with B237-7 or B237-8 lead-acid battery require KI-263-2.
 - R66 Helicopters S/N 0817 and subsequent equipped with D237-2 lithium-ion battery require KI-263-3.
2. Install stiffener per kit instructions.
3. Make appropriate maintenance record entries.

APPROXIMATE COST:

Parts: \$150 for KI-263-1, \$120 for KI-263-2, \$160 for KI-263-3. 50% discount if ordered by 31 October 2019. Reference helicopter serial number.

Labor: 3.5 man-hours to install KI-263-1 kit.
2.5 man-hours to install KI-263-2 or -3 kit.