



A Textron Company

INFORMATION LETTER

UH-1H-21-002

27 January 2021

TO: All owners and operators of Model UH-1H , B, D, E and L helicopters

SUBJECT: CHANGE TO MAGNETIC PARTICLE INSPECTION ON SPIDER P/N 204-040-785-003

A customer recently reported a cracked / fractured Lower Spider Assembly. This Spider Assembly is part of the Planetary Assembly inside the transmission used on the UH-1's. The Lower Spider is manufactured from 204-040-785-103F forging and is magnetic particle-inspected per BPS 4075 as required during the in-process manufacturing and after black oxide treatment.

Only two documented cases of broken lower spider lugs have been documented in the last 20 years.

Changes have been made to the procedure of magnetic particle inspection. All other inspection of Spider Assembly found in DMWR 55-1615-156, Chapter 3 remain the same.

Customer Service Facilities may refer to the 212 CR&O for the proper procedure in performing the magnetic particle inspection.

For any questions regarding this letter, please contact:

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