AD/R22/2 Tailcone Support Structure - Inspection 2/81

Applicability: All models R22 with S/Nos. 0002 to 0082.

Requirement: To prevent loss of the tailcone resulting from supporting framework tube or tube weld fractures accomplish the following:

1. Using a dye penetrant technique inspect the tubes and welds for cracks per methods of, and in the areas identified as Items 1 to 4 of the figure of Robinson SB No. B-4.

2. On reassembling the P/N A 023 tailcone assembly use the following new parts:

NAS - 679-A4 nut	(5 each)
NAS - 1304-22 bolt	(4 each)
NAS - 1304-3 bolt	(1 each)
Pal Nuts	(5 each)

Note: FAA AD 80-24-01 Amdt. 39-3975 refers.

Compliance: Initially inspect before achieving 110 hours time in service after manufacture and thereafter at intervals not exceeding 100 hours time in service.

Background: Cracks may develop in the tailcone support structure during normal service.