

## SAFETY RECOMMENDATIONS SUBMITTED DURING FISCAL YEAR 1967

| Reference No. | Recommendation subject                                                                                                                             | Submitted     | Page No. |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| 7-RE-1        | Issue AD Beech King air model 90 re fuel switches, flap electrical system and fuel crossfeed system.                                               | July 12, 1966 | 1        |
| 7-RE-2        | Insure compliance with applicable provisions CAR's re Hawker-Siddeley aileron and elevator control lock                                            | Aug. 1, 1966  | 6        |
| 7-RE-3        | Nord 262 oil pressure warning light system                                                                                                         | Aug. 9, 1966  | 9        |
| 7-RE-4        | Aero Commander 200; elevator trip position indicator, trim tab limits and inspection access.                                                       | Aug. 19, 1966 | 18       |
| 7-RI-5        | CL-44D crosswind component limitations                                                                                                             | do            | 22       |
| 7-RE-6        | Replacement Delrin stem all aircraft equipped with Bendix RSA-5AD1 fuel injector system (PA-30)                                                    | Sep. 1, 1966  | 25       |
| 7-RI-7        | Explore possibility improving quality-intelligibility cockpit voice recorders.                                                                     | Sep. 19, 1966 | 29       |
| 7-RE-8        | Reevaluate P-5 pitot system BAG-1-11 and insure reliability in rain and below freezing temperatures                                                | Sep. 23, 1966 | 33       |
| 7-RE-9        | Improve fuel manifold on P. & W. J.T.4A engines (B-707)                                                                                            | Sep. 28, 1966 | 38       |
| 7-RE-10       | Revise maintenance handbook and establish definite time interval for inspection main rotor driver transmission Hughes 269B helicopter.             | Oct. 3, 1966  | 42       |
| 7-RE-11       | Fuel selector system Piper PA 32-260 and PA 28-235                                                                                                 | Oct. 12, 1966 | 47       |
| 7-RE-12       | Engine failures, Nord 262                                                                                                                          | Oct. 14, 1966 | 51       |
| 7-RE-13       | Emergency gear extension system, Beech D-185                                                                                                       | do            | 57       |
| 7-RE-14       | Carburetor float clearance, Marvel-Schebler carburetors, Bell 47G helicopters.                                                                     | do            | 60       |
| 7-RE-15       | Relocate cockpit voice recorders on aircraft with aft-mounted engines.                                                                             | Oct. 28, 1966 | 63       |
| 7-RE-16       | Design safety criteria BAC 1-11                                                                                                                    | Oct. 31       | 65       |
| 7-RE-17       | Adequacy and distribution of manual material and other service information high performance, general aviation aircraft (Turbo-Commander).          | Nov. 9, 1966  | 73       |
| 7-RE-18       | Modification inner blade bearing installation—main rotor system Brantly.                                                                           | Dec. 22, 1966 | 82       |
| 7-RE-19       | Reevaluation of fuel system Beech model 95-B55 and alert pilots regarding uncoordinated maneuvers with minimum fuel.                               | Jan. 12, 1967 | 87       |
| 7-RE-20       | System for detecting explosives                                                                                                                    | do            | 90       |
| 7-RE-21       | Electrical system, aircraft heater, Convair aircraft, Allegheny Airlines                                                                           | do            | 92       |
| 7-RE-22       | Replace rotor blades A. & S. model 18, gyroplane.                                                                                                  | Jan. 18, 1967 | 96       |
| 7-RI-23       | Approach zone obstruction lighting                                                                                                                 | Jan. 20, 1967 | 100      |
| 7-RE-24       | Clarify bench test procedures, propeller governor, Piper PA-30; also single-engine emergency procedures.                                           | Feb. 10, 1967 | 102      |
| 7-RE-25       | Positive locking device, rudder pedal mechanism, B-707 and 727 aircraft.                                                                           | Feb. 17, 1967 | 106      |
| 7-RE-26       | Immediate inspection Hartzell HCB34302E propeller blades; also similar model propellers.                                                           | Feb. 20, 1967 | 109      |
| 7-RE-27       | Standardize basic operating procedures for ground equipment.                                                                                       | Mar. 3, 1967  | 112      |
| 7-RE-28       | Manufactures production, repair and inspection of yaw damper coupler, Boeing aircraft, be reviewed and improved testing procedures be implemented. | Mar. 10, 1967 | 115      |
| 7-RE-29       | Require mandatory inspection lower spar cap outboard outer wing panel attach point, BEECH C-45H.                                                   | Mar. 13, 1967 | 117      |
| 7-RE-30       | Include contents AD66-2-4 in an additional AD to adequately cover inspection and rework wood and glue joining Mooney 18.                           | Mar. 23, 1967 | 122      |
| 7-RE-31       | Revise flight manuals for Hiller UH-12 to include proper procedures for engaging mercury drive clutch.                                             | Mar. 27, 1967 | 128      |
| 7-RE-32       | Allison Aeroproducts propeller pitch lock                                                                                                          | Mar. 30, 1967 | 130      |
| 7-RE-33       | Issue airworthiness directive requiring internal inspection main integral fuel tanks Piper PA 28/32.                                               | do            | 134      |
| 7-RI-34       | Aircraft evacuation hazards caused by certain seat arrangements and sign.                                                                          | Apr. 17, 1967 | 137      |
| 7-RE-35       | Review in depth manufacturing process and quality control system at Allison.                                                                       | Apr. 18, 1967 | 140      |
| 7-RE-36       | Need for immediate corrective action re inflight wing structural failures Beechcraft -18.                                                          | May 5, 1967   | 143      |

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|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------|
| 6-RI-1        | Inspection requirements—Excess fuel landing                                                                                                                | To FAA July 16, 1965                     | 1        |
| 6-RE-2        | FAA review adequacy all airline takeoff abort procedures and FAA's abort certification test procedure to encompass captain to copilot.                     | To FAA July 19, 1965                     | 5        |
| 6-RI-3        | Display of limitation information re radar vector service                                                                                                  | To FAA July 23, 1965, and Sept. 24, 1965 | 12       |
| 6-RE-4        | Pratt & Whitney turbine engine modification and overhaul procedures.                                                                                       | To FAA Aug. 20, 1965                     | 22       |
| 6-RE-5        | Inspection of outboard engine fire extinguishing lines on Boeing 707 and 720 aircraft.                                                                     | To FAA Aug. 24, 1965                     | 27       |
| 6-RE-6        | Alert field inspectors and operators of DC-7 aircraft of potential wear condition in aileron attachments.                                                  | do                                       | 30       |
| 6-RI-7        | Failure cam drive gear, P. & W. engine in DeHavilland Beaver (Australian).                                                                                 | To FAA Aug. 27, 1965                     | 33       |
| 6-RE-8        | Inspection of tail rotor blades P/N B2-111-11, Brantly model aircraft.                                                                                     | To FAA Sept. 2, 1965                     | 37       |
| 6-RE-9        | FAA assure that air carrier flight crews are adequately trained on systems they control and operate. (Nose gear retractions, Boeing 707 and 720 aircraft.) | To FAA Sept. 16, 1965                    | 39       |
| 6-RE-10       | C-46 landing gear drag strut.                                                                                                                              | To FAA Sept. 20, 1965                    | 45       |
| 6-RE-11       | CV-240 wing gap straps.                                                                                                                                    | do                                       | 48       |
| 6-RE-12       | Be alert to condition of excessive wear, elevator torque tube attach pivot point, DC-6 aircraft.                                                           | To FAA Sept. 24, 1965                    | 52       |
| 6-RE-13       | Improve instructions re inspection of 727 landing gear wheels for cracks and corrosion.                                                                    | do                                       | 54       |