



Various Unapproved Appliances Identified
by Boeing Part Number

AWB 01-019 **Issue :** 1
Date : 01 May 2009

1. Applicability

All Boeing aircraft manufactured prior to 1977.

2. Purpose

To advise operators of an Airworthiness Directives (AD) issued by the United States Federal Aviation Administration (FAA) in 1977.

3. Background

An audit of Australian ADs has revealed that FAA AD 77-05-05, which first became effective in March 1977 and subsequently revised on three occasions, was not issued as an Australian AD. The FAA AD required the removal from service of a number of unapproved appliances sourced from the following organisations:

ADS Supply Company, Bellevue, Washington

Air Spares International, Inc., Washington, and

Spencer Aircraft Industries, Seattle, Washington.

Whilst CASA believes that there is little likelihood that these appliances remain installed on Boeing aeroplanes, CASA has decided to publish the FAA AD as advisory information for the industry. CASA will not be publishing this as an Australian AD.

4. FAA AD 77-05-05 Amdt 39-3199

ADS SUPPLY COMPANY, AIR SPARES INTERNATIONAL, INC. AND SPENCER AIRCRAFT INDUSTRIES: Amendment 39-2849 as amended by Amendment 39-2868 and 39-2881 is further amended by Amendment 39-3199. Applies to various unapproved appliances, identified herein by the Boeing part number, sold by or procured through ADS Supply Company, Bellevue, Washington, Air Spares International, Inc., Seattle, Washington, or Spencer Aircraft Industries, Seattle, Washington, and installed in various Boeing model airplanes. Compliance required as indicated. Accomplish the following:

- A. Before further flight, except as provided in paragraph F, remove part number 65-52811 - Landing Gear Accessory Unit.
- B. Before further flight, except as provided in paragraph G, remove part number 65-52809 - Fire Detection Accessory Unit and part number 69-37307 - Engine and Fire Control Module.
- C. By March 18, 1977, remove the following appliances: (Additional dash numbers identify airline configurations.)



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Boeing Part No.	Unit
65-52801-	APU Accessory Unit
65-52807-	Flap/Slat Position Switching Unit
69-37335-	Fuel System Module Assembly
65-52804-	Audio Accessory Unit
65-60211-	Landing Gear Accessory Unit
69-37369-	Ground Proximity System Test Accessory Module
69-37336-	Ground Proximity Aural Warning Accessory Module
65-52805-	Flight Instrument Accessory Unit
69-37346-	Window and Pitot Heat Module
69-37338-	Gyro Switching Panel

D. By April 2, 1977, remove the following appliances: (Additional dash numbers identify airline configuration.)

Boeing Part No.	Unit
65-49808-	Electrical Power Relay Module
65-52803-	Window Heat Accessory Unit
65-52808-	Compartment Overheat Accessory Unit
65-52810-	Air Conditioning Accessory Unit
69-37314-	AC System Generator and APU Module
69-37315-	Generator Drive Standby Power Module
69-37317-	Hydraulic Pump Module
69-37319-	Air Conditioning Module
69-37320-	Engine and Wing Anti-Ice Module
69-37324-	Cabin Temperature Module



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69-55179-	Light Dimming Module
69-37344-	VHF Navigation and Compass Switching Unit
65-52806-	Miscellaneous Solid State Switching Module
69-37357-	Thrust Reverser Override Module
69-37352-	Door Warning Annunciator

- E. By April 8, 1977, remove the following appliances: (Additional dash numbers identify airline configuration.)

Boeing Part No.	Unit
65-37568-	Landing Gear Accessory Unit
65-60209-	Engine Fire Detection Control Unit Assembly
65-24917-	Autopilot Accessory Unit
69-37313-	Flight Control Module
65-24920-	Fire Detector Module
69-37321-	Electrical Module Assembly
65-60214-	Flight Instrument Accessory Unit

- F. Operations with part number 65-52811 - Landing Gear Accessory Unit may continue until March 18, 1977, provided that before further flight a placard is installed adjacent to the speed brake handle stating "DO NOT ARM." Airplanes may be flown in accordance with FAR 21.197 to a maintenance base to accomplish the above.
- G. Operations with part number 65-52809 - Fire Detection Accessory Unit and part number 69- 37307 - Engine and APU Fire Control Module may continue until March 18, 1977, provided that before further flight, and daily thereafter, conduct tests in accordance with a procedure available from the Chief, Engineering and Manufacturing Branch, FAA Northwest Region. Airplanes may be flown in accordance with FAR 21.197 to a maintenance base to accomplish the above.
- H. By May 6, 1977, remove the following appliances: (Additional dash numbers identify airline configuration.)



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Boeing Part No.	Unit
69-37339-	Stall Warning Test Module
65-79479-	Autobrake Accessory Unit
69-37334-	Cabin Altimeter and Rate of Climb Module
65-73606-	Engine Accessory Unit
65-52812-	Autopilot Accessory Unit
65B-46136-	Fire Detector Module

- I. By May 27, 1977, remove the following appliance: (Additional dash numbers identify airline configuration.)

Boeing Part No.	Unit
65-52802-1	Autopilot Switching Unit

- J. By May 26, 1978, (notwithstanding the dates of compliance listed in paragraphs A through I above) remove all appliances with Boeing part numbers listed in paragraphs A through I above which have been sold by or procured through Spencer Aircraft Industries (additional dash numbers identify airline configuration).
- K. Upon request of the operator, an FAA Principal Inspector, subject to the prior approval of the Chief, Engineering and Manufacturing Branch, FAA Northwest Region, may adjust the compliance schedule in this AD for specific appliances if the request contains substantiating data to justify the increase for that operator.

Amendment 39-2849 deleted Amendment 39-2837, AD 77-04-03.

Amendment 39-2849 became effective March 10, 1977.

Amendment 39-2868 became effective April 7, 1977.

Amendment 39-2881 became effective April 28, 1977.

This Amendment 39-3199 becomes effective May 9, 1978.

5. Recommendation

CASA recommends that if any appliance with a Boeing Part Number listed in FAA AD 77-05-05 Amdt 39-3199 is found it should be removed from service.



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6. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address:

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Or in writing, to:

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