

DATE: December 15, 1969

TO: Owners and Operators of Yankee Aircraft

SUBJECT: Main Landing Gear Bracket Inspection

MODELS AFFECTED: AAL-0002 thru AAL-0008, AAL-0011 thru AAL-0014

TIME OF COMPLIANCE: Within 25 hours of operation and at each 100 hour inspection thereafter, unless aircraft are modified in accordance with Service Kit No. SK-108.

Field reports indicate that upper main landing gear brackets installed on above aircraft may be subject to cracking in the area of the welded joints. To confirm the structural integrity of brackets installed on these aircraft, the following must be accomplished within 25 hours of operation and at each subsequent 100 hour inspection.

1. Visually inspect upper main landing gear welded brackets for evidence of cracks.
2. Complete the enclosed Service Reply Card showing compliance with this bulletin and showing aircraft hours and forward card to American Aviation Corporation.
3. Complete a log book entry indicating compliance with this bulletin.

NOTE: The upper main landing gear brackets are heat treated and if cracks or damage are found, DO NOT WELD. The brackets must be replaced.

Service Kit No. SK-108 (Main Landing Gear Modification) has been developed to assist in changing brackets in the field. Service Kit No. SK-108 includes new brackets and all hardware and instructions for field retrofit of both the right and left upper gear brackets. This kit must be installed on all aircraft on which cracked brackets are found. Brackets removed from affected aircraft must be returned to the factory.

The mandatory inspections required by this Service Bulletin are not required once Service Kit No. SK-108 is installed. However, normal inspection of the aircraft should include inspection of the main landing gear brackets, as recommended in the Service Manual.

Service Kit No. SK-108 is available through your authorized American Aviation Corporation Dealer at no charge and may be installed on the above affected aircraft any time at the owner's discretion. A labor allowance for the installation of Service Kit No. SK-108 will not be available.

Aircraft serial no. AAL-0001, AAL-0009, AAL-0015 and up are not affected by this bulletin.

AMERICAN AVIATION CORPORATION

DISTRIBUTION (B)

Enclosure: Service Reply Card

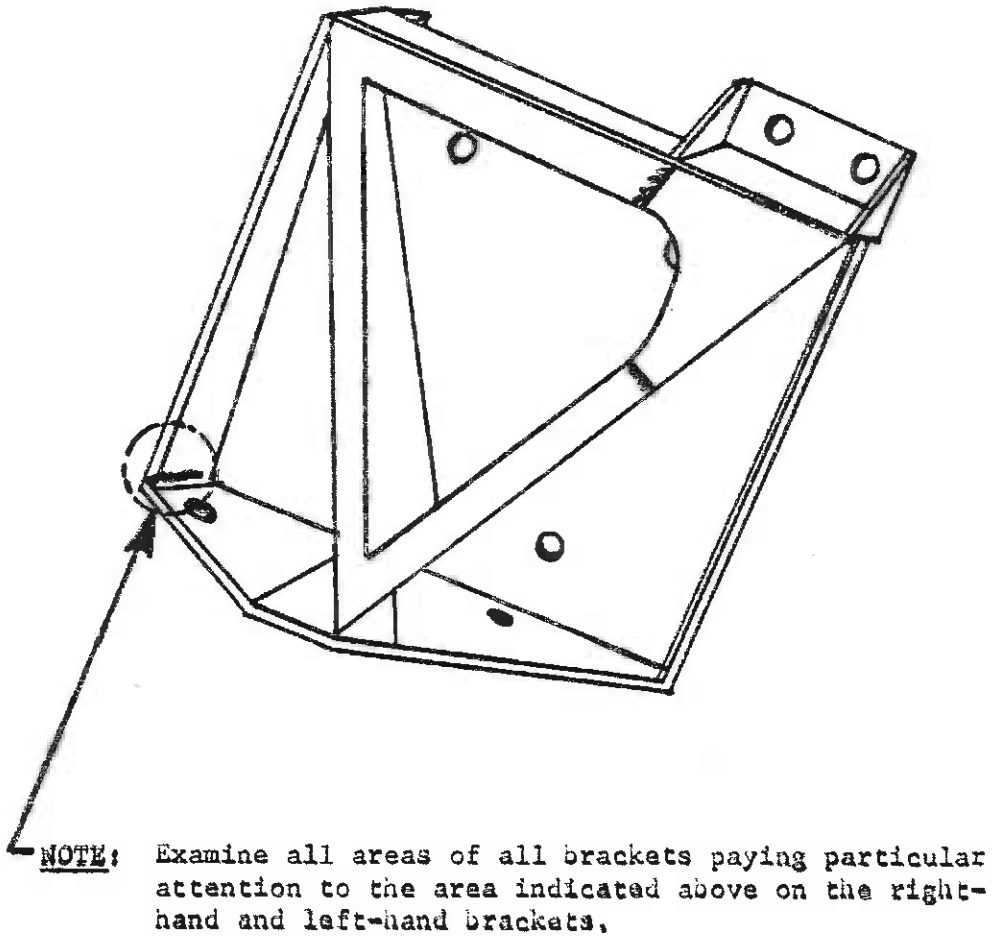


Figure 1. Right-Hand Main Landing Gear Bracket