

DATE: February 24, 1971

TO: Owners and Operators of Model AA-1 Yankee and AA-1A Trainer Aircraft

SUBJECT: Carburetor Inspection

SERIALS AFFECTED: AA1-0123, AA1-0140, AA1-0291, AA1-0348, AA1-0433 thru AA1-0440, AA1-0442 thru AA1-0449, AA1-0451, AA1-0452, AA1-0454, AA1-0456, AA1A-0001 thru AA1A-0019, AA1A-0021, AA1A-0025, AA1A-0027.

TIME OF COMPLIANCE: Initial Inspection - Immediately upon receipt of this Bulletin
Subsequent Inspection and bolt relocation - within 5 hours of operation, but no later than 14 days after the date of this Bulletin.

It has come to our attention that the MS20074-04-05 bolt which attaches the rear of the throttle control bracket and the carburetor air box to the carburetor is of such a length that bottoming of the bolt in the attach hole in the carburetor can occur with resultant cracking of the boss inside the carburetor fuel bowl. To confirm that the carburetor is not cracked, the following must be accomplished as indicated:

Immediate Initial Inspection:

Visually inspect the right rear lower bolt area of the carburetor for fuel stains. If stains are present, perform the Subsequent Inspection, steps 1 through 4 below, before further flight.

If stains or other indications of leaking are not present, comply with the Subsequent Inspection and bolt relocation instructions 1 through 4 below within 5 hours of operation, but no later than 14 days after date of this Bulletin. See Figure 1.

Subsequent Inspection and Bolt Relocation:

1. Remove lower cowl - cut safety wire and remove right rear MS20074-04-05 bolt from throttle cable support and air box attach to carburetor.
2. Inspect bolt hole bore in carburetor for fuel stains. If fuel stains are present, the carburetor must be removed from service.
3. Remove the AN74-A3 or MS20074-04-03 bolt from the left front air box attach point and install in place of the MS20074-04-05 bolt in the right rear corner. Install the MS20074-04-05 bolt in the left front corner and resafety all bolts.
4. Make log book entry showing compliance with this Service Bulletin. Complete and mail attached Service Reply Card.

Replacement carburetors, Lycoming part no. 77585 are available at \$348.00 (B). A full parts credit will be available for all carburetors found defective in compliance with this Service Bulletin. A labor allowance of 1.0 hours at the Dealers Prevailing Shop Rate for the inspection and 1.0 hours for carburetor replacement, if necessary, will be credited providing the work is performed or authorized by authorized American Aviation Corp. Dealer or representative. Work must be completed and warranty claim Form No. AA-740 submitted to the factory prior to April 30, 1971 for parts and labor allowance.

The following aircraft serial nos. have been inspected at the factory and have four (4) AN74-A3 or MS20074-04-03 bolts installed at the carburetor air box attach points and are not affected by this Service Bulletin.

AA1-0001 thru AA1-0122, AA1-0124 thru AA1-0139, AA1-0141 thru AA1-0290, AA1-0292 thru AA1-0347, AA1-0349 thru AA1-0432, AA1-0441, AA1-0450, AA1-0453, AA1-0455, AA1-0457 and up, AA1A-0020, AA1A-0022 thru AA1A-0024, AA1A-0026, AA1A-0028 and up.

Prices are subject to change without notice.

AMERICAN AVIATION CORPORATION

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