



(This Service Letter Is FAA Approved)

(NOTE: This service letter supercedes SL 20-82)

This Service Letter reidentified as
Service Bulletin M-20-82A
per Service Instruction M20-15.

SUBJECT: Replacement of Copper Fuel and Oil Lines with Strato-Flex Hoses.

MODELS AFFECTED: M20-A, Serials 1201 Thru 1700.
M20-B, Serials 1701 Thru 1875.

TIME OF COMPLIANCE: At owner's discretion, but not later than November 1, 1961.

Reports from the field

INTRODUCTION:

Reports from the field have shown that in some instances, the copper line from the engine to the oil pressure gage and from the carburetor to the fuel pressure gage have failed. These failures result in loss of engine oil and fuel, thereby creating a fire hazard and possible damage to the engine.

We recommend the installation of this Kit (20-82) as soon as possible to eliminate the possibility of further failures.

Service letter Kit 20-82, which includes detailed installation instructions and all necessary parts are now available at our Spare Parts Department Annex #1, Mooney Aircraft, Inc., P. O. Box 72, Kerrville, Texas, at a nominal cost of \$10.00 (which is our cost). These kits will be shipped immediately upon receipt of a firm order, accompanied by the serial and registration number of the aircraft.

INSTRUCTIONS:

Remove left and right engine side cowls, top engine cowl, and right hand instrument access panel. Remove oil pressure and fuel pressure lines. Install new lines and hoses as shown in the attached installation drawings. Check for oil and fuel leaks and install engine cowls and access panel. Make suitable log book entry and return compliance card immediately for our company and FAA records.

PARTS LIST:

FUEL LINE KIT

60 x 2 Compression Nut
61 x 2 Compression Sleeve
AN 822-2D Elbow
AN 832-2 Bulkhead Fitting
AN 924-2 Nut
AN 818-2D Nut
AN 819-2D Sleeve
AN 742-10 Clamp (2)
AN 742-8C Clamp (3)
AN 526-1032R-8 Screw (3)
AN 960-10 Washer (3)
AN 365-1032 Nut (3)
SF 193-311-311-2-35 Flex Line
6048-31 Alum. Line
AN 742-8 Clamp

OIL LINE KIT

AN 832-3 Bulkhead Fitting
AN 924-3 Nut
AN 742-8C Clamp
AN 742-8 Clamp
AN 526-1032R-8 Screw
AN 960-10 Washer
AN 365-1032 Nut
6223-11 Copper Line
SF 111-312-312-3-15 Flex Line
6480-1 Modified Elbow

