



(This Service Letter is FAA Approved)

SUBJECT: Oil Cooler Air Deflector  
MODELS AFFECTED: M20, Serial Numbers 1002 through 1200  
TIME OF COMPLIANCE: At Owner's Convenience

This Service Letter reidentified as  
Service Bulletin M 20-93  
per Service Instruction M20-15.

### INTRODUCTION:

There have been some instances where the left front exhaust stack has cracked in the vicinity of the oil cooler air outlet. It is possible that a deflector, placed on the oil cooler outlet, would deflect cold air and moisture so it would not come in contact with the hot exhaust stack, thereby eliminating possible failures in this area.

We recommend installation of this deflector (6462) as soon as practical.

When ordering Service Letter Kit 20-93, please include serial and registration number of your aircraft. Kits are available at no charge and may be ordered directly from our Spare Parts Department, P. O. Box 72, Kerrville, Texas.

### INSTRUCTIONS:

It will be necessary to remove the left side cowl in order to take the oil cooler off. Completely remove the oil cooler by taking off four attach bolts and two oil hoses. Drill extra holes in oil cooler flange as called out in attached rework and installation diagram. Re-install oil cooler in reverse order of removal.

### PARTS LIST:

- |                    |                      |
|--------------------|----------------------|
| (1) 6462 Deflector | (1) AN3-16A Bolt     |
| (1) 8022-2 Bushing | (6) AN960-10 Washers |
| (1) 8022-5 Bushing | (3) AN365-1032 Nuts  |
| (2) AN3-4A Bolts   |                      |

### IMPORTANT:

Please fill out and return the compliance card immediately upon completion of work to Mooney Aircraft. This card is important for our Company and FAA records.

