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## WINTER BAFFLE FOR THE MUSKETEER OIL COOLER

MODELS AFFECTED: Available for all Model 23 aircraft.

An optional winter baffle is now available to provide more rapid heating of the oil during operation of the Musketeer in cold weather. With the cold air supply restricted, oil radiator cooling is reduced and the time required to bring the temperature into operating range is decreased.

Installation consists of detaching the cooler from the left hand engine baffle plate, attaching four nut plates to the engine baffle plate, attaching the winter baffle, P/N 169-930010-1, to the engine baffle and installing a placard, P/N 35-910296-1, on the pedestal cover in the pilot's compartment.

The installation may be accomplished as follows:

1. Raise the left hand engine cowl.
2. Remove the four attaching bolts securing the oil cooler to the engine baffle plate (it is not necessary to remove the oil hose lines from the cooler).
3. Position and center the oil cooler baffle over the opening on the front side of the engine baffle and use the oil cooler baffle pre-drilled holes as a template to drill four 11/64 inch holes through the engine baffle.

### NOTE

On airplanes having the 169-910010-124 clip installed, the lower inboard corner of the oil

cooler baffle will have to be placed over the flange of the clip. The attaching screw should be installed through the baffle and clip.

4. Position and center four HIS832-BC100X200 nut plates on the back side of the engine baffle over the 11/64 inch holes and secure the nut plates to the baffle with MS20426AD3-4 rivets.

5. Secure the oil cooler to the engine baffle.

6. Attach the oil cooler baffle to the engine baffle with four AN515-832-8 screws.

7. Install the placard, "NOTICE-REMOVE WINTER BAFFLES WHEN OAT EXCEEDS 70° F", in the pilot's compartment on the face of the pedestal cover. Install the pedestal cover placard as follows:

a. Locate the top edge of the placard 3.68 inches down from the top edge of the pedestal cover. Align the left edge of the placard on a line measured 3 inches in from the left edge of the pedestal cover.

b. Position the placard and using a number 32 drill, drill holes in the pedestal to match the existing holes in the placard.

c. Attach the placard to the pedestal cover with two NAS384-6-6 screws and two NAS391-6 washers.

The following parts are required as noted:

PART NUMBER	NOMENCLATURE	QUANTITY
169-930010-1	Baffle	1
35-910296-1	Placard	1
AN515-832-8	Screw	4
NAS384-6-6	Screw	2
NAS391-6	Washer	2
HIS832-BC100X200	Nut Plate	4
MS20426AD3-4	Rivet	8

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