



MODIFICATION BULLETIN
(Replaces MB 91.6/6)

AIRPL
MODEL
91
Safir

91.6/6B

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Oil System. Installation of oil radiator for Gipsy Major X engine

URGENCY: IV

EFFECT ON WEIGHT DISTRIBUTION:

TIME OF DELIVERY
FOR NECESSARY PARTS:

WEIGHT CHANGE
LBS.

STATION
IN.

MOMENT CHANGE
LBSIN.

2 months after receipt of order
c/c

4.18

-75.5

326.4

MARKING: None

Drawings: Not essential

524323 Oil System

528480 Nose Panel, Engine Cowling

Parts required per each plane:-

Item. Included in fig. 1

01	2 Lock Nuts	M5 AS 215402
02	2 Rubber Hose joints	AS 216902 - NV/16
03	4 Hose Clamps	AS 216512-3
04	1 Oil Radiator	SA 593191
05	2 Screws	M5x70 AS 212106
06	2 Clips	AS 216502-25
07	1 Pipe	569762 ur
08	1 Pipe	569763 ur
09	2 Connections	569775
10	2 Sealing Rings	AS 215233
11	2 Clamps	562704
12	1 Air Scoop	SA 593275
	15 Rivets	3.2x7 AS 211502 Aluminium 3514-3

Aircraft concerned:-

91101-91119, 91121-91127,

91129-91148

(Number of aircraft:- 46)

Spare Parts not involved

While flying in hot climates it appears that the oil temperature may exceed the limits allowed.
For this reason an oil radiator has been designed to be installed when necessary.

Working procedure:-

Provide a hole for the air scoop on the right hand side of the nose panel in accordance with fig. 2. The location of the air scoop should fit in relation to the location of the oil radiator as shown in fig. 1.

Rivet (weld) the air scoop to the nose panel.

Should the air scoop be welded, cut off the rivet flanges.

Attach the oil radiator to the engine mounting as shown in fig. 1.

Remove the scavenge oil line between the scavenge pumps and the oil tank.

Install the pipe, item 07, between the oil tank and the oil radiator outlet.

1/3 1950

SAAB SERVICE DEPT:

C. Larsson

SAAB DESIGN DEPT:

Olof Eoping

ROYAL SWEDISH AERONAUTICS BOARD:

Ulf Larsson

Note: In order to prevent a faulty connection of the pipes to the relief valve of the oil cooler, inlet and outlet should be marked on the pipes and the valve casing by black arrows in the flow direction according to the figure.

The valve should be mounted according to the figure.

