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SERVICE LETTER September 25-02

Issue Date

Wednesday, September 25, 2002

Subject/Purpose

This Service Letter is for up-dating CH2000 muffler system.

Affected Models

The affected models are aircraft CH 2000 serial numbers 20-0002 and up.

Compliance Time

Non

Inspection

No change

Required Parts. Order parts individually or as a complete assembly. 20-M-91-0

Part Number	Description	Qty
20-M-91-1	Muffler	1
20-M-91-2	Muffler shroud	1
20-M-91-3	Muffler flange	4
20-M-91-4	Muffler clamp	8
AN3-4A	Bolt	16
MS21045-3	S.L. Nut	16
AN960-10	Washer	32

Action

- Remove two piece muffler system from engine
 - Install new muffler with above items to engine
- How to locate the exhaust pipe hole in bottom cowling:
- Chalk aircraft wheels so that aircraft cannot move
 - Take a plumb line and hang it from the center of exhaust tube, to floor. Mark plumb line pointer location on the floor
 - Remove muffler and install cowling bottom/top
 - Take plumb line and locate plumb line pointer to marking on the floor. Mark cowling area
 - Remove cowling and cut-out exhaust pipe hole on cowling, so that there is a ½ space between exhaust pipe and cowling.
 - Re-install muffler system, hook-up carb-heat and cabin heat SCAT hoses etc.. Inspect. Install cowling and inspect. Make sure that there is at least ½ space between exhaust pipe and cowling

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