



SERVICE INSTRUCTION

SI-21-03
Revision 0

TITLE: Door Stop Installation, Heater Box

SUBJECT / REASON / DESCRIPTION:

In some instances, in flight, the air load on the main heat control door will prevent the door from closing off the heat. This service instruction allows for the installation of a door stop that will mitigate this problem.

COMPLIANCE:

Compliance is optional.

EFFECTIVITY:

Aircraft S/N 28 to 50.

Aircraft 51 and onwards have this Service Instruction incorporated at manufacture

APPROVAL:

This modification has been approved by FAC Engineering and TCCA where applicable.

MANPOWER REQUIREMENTS:

It is estimated that the modification will take approximately 1 hour. This excludes labor necessary to open and close the aircraft, and work is performed by experienced personnel.

SPECIAL TOOLS / EQUIPMENT:

None required

PARTS LIST (BILL OF MATERIALS):

Kit FAC-SI-21-03 - Cost of kit available upon request.

Qty	P/N	Description
1	AN3-4A	BOLT
1	AN315-3	NUT, JAM
1	MS21042-3	NUT, LOCKING

WEIGHT & BALANCE:

Negligible

DRAWINGS/MANUALS:

Not applicable.

IMPLEMENTATION INSTRUCTIONS:

W.R.T. Figure 1

1. Locate the heater box forward of the firewall.
2. Drill a # 10 hole in the center of the indicated flange.
3. Install AN315-3 nut on AN3-4A bolt until you cannot turn the nut any further.
4. Put assembled nut and bolt through the hole that you just drilled.
5. Install MS21042-3 nut on assembled nut and bolt.
6. Place the heater control in the cockpit to the HEAT ON position and make sure the flap in the heater box contacts the head of the bolt and will not travel past the bolt head.

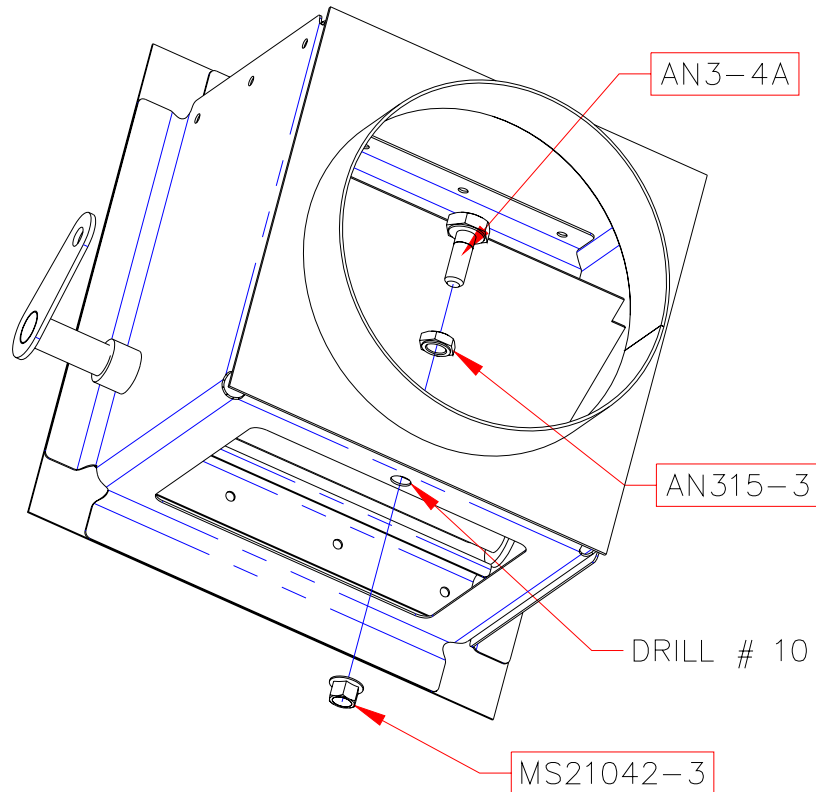


FIGURE 1

LOG BOOK CERTIFICATION:

1. Complete a Log Book entry stating “Service Instruction SI-21-03 Rev 0, Door Stop Installation, Heater Box” accomplished.

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