

WARNING

THIS DE-ICER HAS BEEN SEALED TO PRESERVE ITS QUALITY DURING STORAGE. REMOVAL FOR INSPECTION OR OTHER REASONS ~~VOIDS WARRANTY~~ UNLESS PROMPTLY RESEALED AIRTIGHT AND RETURNED TO STORAGE CARTON AND STORED IN COOL DRY PLACE.

Item: PNEUMATIC DE-ICER

35 - 5D5230 - 02

Order / Batch Lot:

MYB3QJ0

Turnaround:

103793014

111103 211954 MOETP9

De-Icing & Specialty Systems
Goodrich Corporation
Uniontown, Ohio

1300L Installation Procedure for Pneumatic De-Icers

These instructions apply to 1300L installation only. Complete instructions are provided in Goodrich 30-10-31, Installation, Maintenance and Repair Manual for Pneumatic De-Icers. See Goodrich 30-10- 70 for FASTboot™ De-Icer installation procedure. See Goodrich 30-10-31 for Bostick installation procedure.

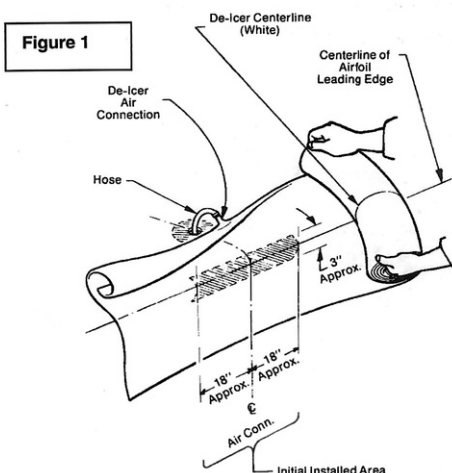
REQUIRED MATERIALS (Equivalent substitutes may be used)

	Neoprene De-Icers	Estane® De-Icers
Cleaning solvent	Toluene	Toluene
Gap filler	PRC1422 or 1425	PRC1422 or 1425
Fuel barrier cement	P/N A-851-B	P/N A-851-B
Installation cement	1300L	1300L
Tackifying solvent	MEK or Toluene	Toluene
Edge filler	PRC1422 or 1425	PRC1422 or 1425
Edge sealer	P/N A-56B or 74-451-P	P/N 74-451-K or 74-451-P
Cement brush	Boards bristle	Boards bristle
Edge sealer brush	In lid of edge sealer	Pure bristle
Rubber roller	P/N 74-451-74	P/N 74-451-74
Metal roller	P/N 74-451-89	P/N 74-451-89

INSTALLATION

1. Dry fit de-icer on leading edge, making sure air connection and cut-outs are aligned. Use de-icer as template to mask off installation area with 1" masking tape. For non-recessed de-icers, allow 2" extra around edges. Mark de-icer centerline on masking tape on each end.
2. If there are no fuel tanks under de-icer installation area, proceed to Step 3.
If there are fuel tanks under de-icer installation area, apply P/N A851B fuel barrier cement.
3. Wipe back side of de-icer with cleaning solvent twice. Change cloth to avoid recontamination.

WARNING: 1300L CEMENT CONTAINS MEK, WHICH IS EXTREMELY FLAMMABLE. EXTINGUISH OPEN FLAMES. AVOID SPARKS. USE IN WELL VENTILATED AREA. AVOID SKIN CONTACT AND/OR PROLONGED BREATHING OF VAPORS. CONSULT MSDS FOR ADDITIONAL SAFETY INFORMATION.

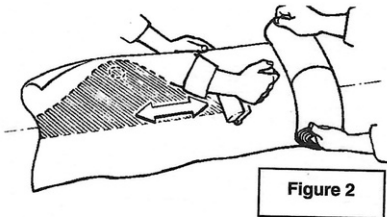


4. Stir 1300L thoroughly. Apply even brush coat to de-icer back side and leading edge. Let dry 1 hour.
5. Snap chalk line between centerline marks made on tape in Step 1. Trace chalk line with dark ink.
6. Restir 1300L. Apply second coat to de-icer and leading edge. Let dry 1 hour.
7. If de-icer is being installed on aircraft, pull de-icer hose through air connection hole on leading edge.
8. Position de-icer centerline against leading edge centerline, with de-icer air connection aligned in leading edge air connection hole. (Figure 1)

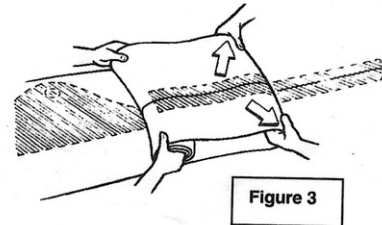
NOTE: Application of vacuum is strongly recommended. However, if vacuum is not available, installation can be accomplished without vacuum.

1300L Installation Procedure for Pneumatic De-Icers

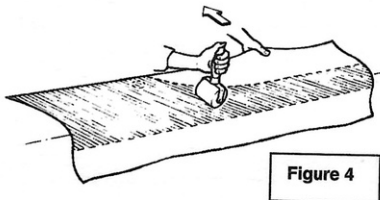
9. Apply 6-10" Hg vacuum. (If de-icer is installed on aircraft, secure de-icer hose with a suitable clamp.)
10. If air connection is on centerline, tackify cement on de-icer and leading edge in a 3" X 18" long area on the centerline around the air connection.
If air connection is on either side of centerline, tackify cement on de-icer and leading edge in a 3" radius around air connection and curved area to the centerline. (Figure 2).
11. Press de-icer to leading edge and roll firmly with rubber roller.
12. Working in 3" X 24" sections, tackify cement on de-icer and leading edge centerlines, and press de-icer to leading edge, matching centerlines. Roll de-icer firmly with rubber roller. Tension de-icer to avoid wrinkles. Repeat until de-icer is bonded along entire centerline. (Figure 3)



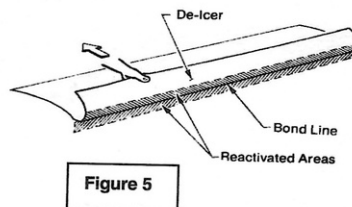
CAUTION
To avoid trapping air, tackify in a curved area (Figure 4). Do not allow de-icer to touch the tackified cement on leading edge until ready to roll de-icer.



13. Hold de-icer back to reveal centerline bond. (Figure 5) Beginning on one side of centerline at inboard end, tackify cement on de-icer and leading edge in a 3" X 24" area. Roll de-icer onto leading edge, moving outward from bond line. Repeat until one side is bonded.
14. If de-icer is installed in a recess, and/or has cut-outs, install de-icer up to edge of recess or cut-out, then trim de-icer edges to fit aircraft structure.



15. Repeat Step 15 for other side of de-icer.
16. Roll edges with metal roller, and remove masking tape.
17. Edge filler is required to fair full thickness de-icer edges. Apply edge filler as required per Goodrich 30-10-31.
18. Conductive edge sealer protects against static pinholes. Apply a heavy even coat of appropriate edge sealer per 30-10-31.



19. It is recommended that 4 hours dry time before flying aircraft and 48 hours dry time before inflating de-icer be observed.

JAY 2

GOODRICH

De-Icing & Specialty Systems
Goodrich Corporation

HO 75 Box 1
Stringtown Rd.
Union, WV 24983

Part Number
35 - 5D5230 - 02



Serial Number
MYB3QJ0



Cure Date
NOV2003



TYPE **NEOPRENE**
Description **PNEUMATIC**
CUSTOMER PART NUMBER

Caution
P/N: 35-5D5230-02



Watch Date - If Order
After 120(2008) Take
To Inspector For Recert

CONTENTS IN THIS BOX ARE P
AIR TIGHT BAG AND SHOULD BE
PLACE AT TEMPERATURES BELOW
STORED IN THIS MANNER BELO
UP TO 60 MONTHS FROM THE O
AFFECTING THE NORMAL SERVI

JAY 2

JAY 2

JAY 1

JAY 1