MAINTENANCE JOB CARD
TASK: AVOTEK Ice and Rain Protection Systems Trainer

REFERENCES:
AVOTEK Ice and Rain Protection System Student Operations Training Manual

TOOLS/TEST EQUIPMENT:
AVOTEK Ice and Rain Protection Systems Trainer

CONSUMABLES:
None

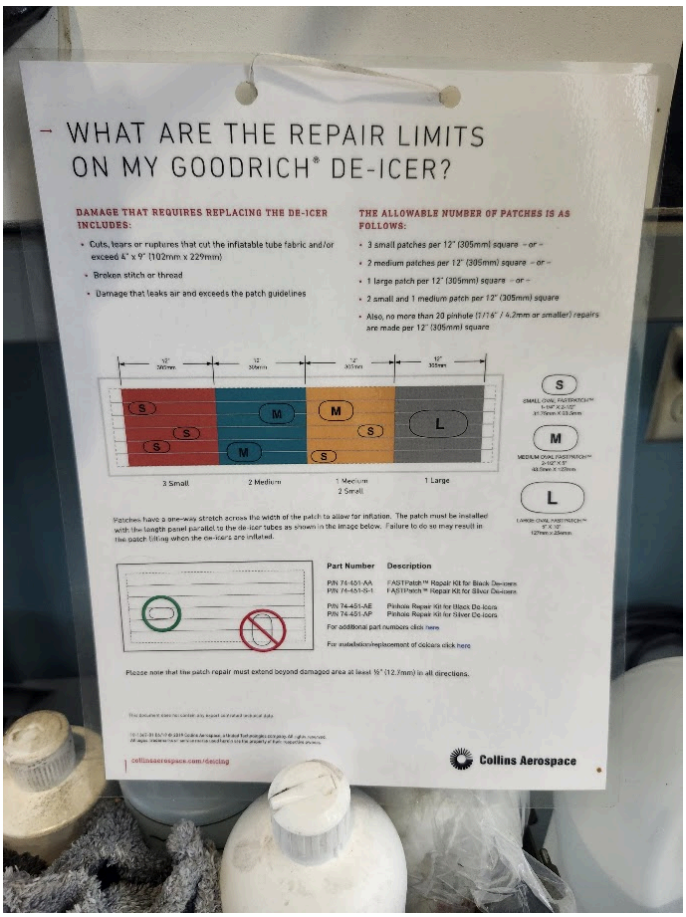
PROCEDURES:
1. Perform PRE SETUP INSPECTION (Page 2)
2. Perform SET UP PROCEDURE/PREFLIGHT (Page 2)
3. Perform Operational Procedures
    - PITOT HEAT SYSTEM (Page 2)
    - PROPELLER DECING SYSTEM (Page 2)
    - PNEUMATIC DECING SYSTEM (Page 2)
    - WINDSHIELD ANTI-ICE SYSTEM (Page 3)
    - WINDSHIELD WIPER SYSTEM (Page 3)
    - WINDSHIELD DEICING SYSTEM (Page 3)
    - SHUTDOWN (Page 3)






MASTER LIGHT
BOOT INFLATE
WINDSHIELD HEAT
DE-ICER
ON
MASTER
PITOT HEAT
PROP HEAT
BOOT INFLATE
ALCOHOL PUMP
WINDSHIELD WIPER
WINDSHIELD HEAT
TEMP CONTROL
PITOT HEAT
PROP HEAT
BOOT INFLATE
ALCOHOL PUMP
WINDSHIELD WIPER
WINDSHIELD HEAT


PROP DEICE AMMETER
0
20
40
AMPS


WHAT ARE THE REPAIR LIMITS ON MY GOODRICH® DE-ICER?
DAMAGE THAT REQUIRES REPLACING THE DE-ICER INCLUDES:
Cuts, tears or ruptures that cut the inflatable tube fabric and/or exceed 4" x 9" (102mm x 229mm)
Broken stitch or thread
Damage that leaks air and exceeds the patch guidelines
THE ALLOWABLE NUMBER OF PATCHES IS AS FOLLOWS:
3 small patches per 12" (305mm) square – or –
2 medium patches per 12" (305mm) square – or –
1 large patch per 12" (305mm) square – or –
2 small and 1 medium patch per 12" (305mm) square
Also, no more than 20 pinhole (1/16" / 4.2mm or smaller) repairs are made per 12" (305mm) square
S
M
L
3 Small
2 Medium
1 Medium
2 Small
1 Large
Part Number
Description
Please note that the patch repair must extend beyond damaged area at least ½" (12.7mm) in all directions.
Collins Aerospace


PROTECTION SYSTEMS TRAINER
AVOTEK
RIGHT PROP
INBOARD
OUTBOARD
LEFT PROP
INBOARD
OUTBOARD
PROPELLER SLIP RING
BRUSH BLOCK
RH PROP