Subject: Possible De-Icing Systems for MT-Propellers

De-Icing Systems

All propeller de-icing systems which are produced by manufacturers holding internationally acknowledged parts manufacturers approvals (PMA) of their national certification authorities and which comply with the requirements as published in MT-Report No. E-532, are approved by MT-Propeller to be used as standard de-icing systems on MT-Propeller propeller models.

This requirement is fulfilled for the following Propeller De-Icing Systems:

Goodrich
All De-Icing Systems listed in the following Manuals latest issue:

- "Goodrich: Propeller De-Icing Systems Replacement Parts List"

De-Icers (M.H.G.) LTD
All De-Icing Systems listed in the following Manuals latest issue:

- De-Icers (M.H.G.) LTD Installation List

RAPCO, Inc
All De-Icing Systems listed in the following Manuals latest issue:

- RAPCO, Inc. Application List

McCauley
All De-Icing Systems listed in the following Manuals latest issue:

- McCauley Installation List

The technical information contained in this document has been approved under the authority of EASA DOA N° EASA.21J.20.

Checked / Approved by: Martin Albrecht
Office of Airworthiness
Date: February 19, 2020

Prepared by: Josefine Hoell
Engineering
Date: February 19, 2020
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The following de-ice systems were tested in respect to their applicability at MT-Propellers:

Electro-thermal de-icing:

12 VDC De-Ice Boots: DE-ICERS (M.H.G.) LTD MHG-3039-
DE-ICERS (M.H.G.) LTD MHG-3057-
DE-ICERS (M.H.G.) LTD MHG-2802-
DE-ICERS (M.H.G.) LTD MHG-2890-A
Goodrich 4E1214-
Goodrich 4E1895-
Goodrich 4E2292-
Goodrich 4E2303-
Goodrich 4E2336-
Goodrich 4E2351-
Goodrich 4E5469-

24 VDC De-Ice Boots: DE-ICERS (M.H.G.) LTD MHG-3035-
DE-ICERS (M.H.G.) LTD MHG-3047-
DE-ICERS (M.H.G.) LTD MHG-2884-
DE-ICERS (M.H.G.) LTD MHG-3145-
Goodrich 4E1188-
Goodrich 4E1601-
Goodrich 4E2200-
Goodrich 4E2271-
Goodrich 4E2560-
Goodrich 4E2575-
Goodrich 4E2595-
Goodrich 4E2598-
Goodrich 4E2635-
Goodrich 4E2890-
Goodrich 4E3017-
Goodrich 4E3029-
Goodrich 4E3032-
Goodrich 4E3035-
Goodrich 4E3278-
Goodrich 4E3400-
Goodrich 4E3462-
Goodrich 4E3541-
Goodrich 4E3542-
Goodrich 4E3545-
Goodrich XA17-1832-030-
Goodrich 4E4072-
Goodrich 4E4215-
Goodrich 4E5468-
Goodrich 4E5470-
Goodrich 5E2446-
Goodrich 5855BSW
Goodrich 6199SW
Goodrich 6205SW
Goodrich 6553SW
Goodrich 6592SW
Goodrich 6623SW
Goodrich 24 VDC De-Ice Boots. continued

- Goodrich 6658SW
- Goodrich 6662SW
- Goodrich 6717SW
- Goodrich 6860
- Goodrich 6870
- Goodrich 6888
- Goodrich 6890
- Goodrich 6935SW
- Goodrich 6936SW
- Goodrich 6975-( )
- McCauley 6836
- McCauley 6900
- McCauley B-40183-( )
- McCauley B-40245-( )

Fluid De-Icing:

- Alcohol Feed Boots: RAPCO, Inc. RA 38572
- Goodrich 37572
- DE-ICERS (M.H.G.) LTD MHG 2841

Fluid De-Ice Assy:

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Installation and Maintenance Instructions

Installation and maintenance have to be carried out according to the following manuals:

- Goodrich Manual No.: ATA 30-60-02 (BF Goodrich Report 68-04-712D)
- Goodrich Manual No.: ATA 30-60-01 (BF Goodrich Report 68-04-714K)
- MT-Propeller Service Instruction No. 4( ), latest revision