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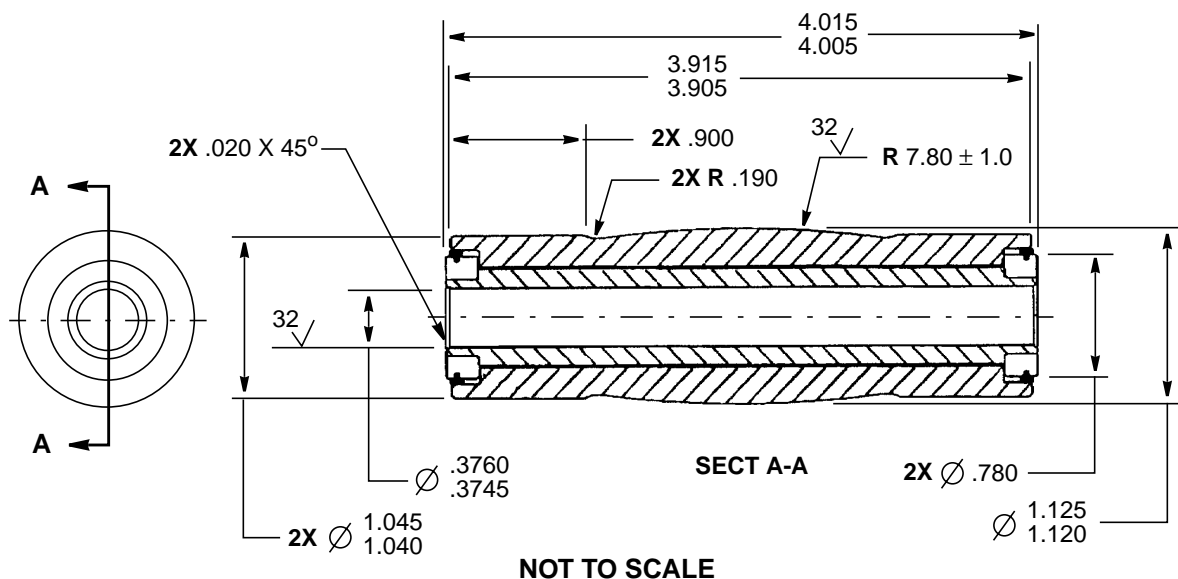
de HAVILLAND

CAGE CODE 71867

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED BY DE HAVILLAND INC. FOR USE IN DHI AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY DE HAVILLAND INC.

SOURCE CONTROL DRAWING



NOTES

1. MAX. RADIAL PLAY: .003
2. MAX. AXIAL PLAY: .030
3. BEARING REQUIREMENTS
 - RADIAL STATIC LOAD: 4000 LBS MIN
 - AXIAL STATIC LOAD: 1000 LBS MIN
 - RADIAL DYNAMIC LOAD: 4000 LBS MIN FOR 10000 CYCLES (20 REVOLUTIONS PER CYCLE)
 - ENVIRONMENT: DESERT SAND
 - OPERATING TEMPERATURE: -65°F to 160°F
4. BEARING SHALL REMAIN COMPLETELY SERVICEABLE THROUGHOUT ENTIRE LIFE CYCLE
5. BEARING NO-LOAD ROTATIONAL TORQUE SHALL REMAIN 2 IN-LBS MAX. THROUGHOUT ENTIRE OPERATING TEMPERATURE RANGE

LIST OF CURRENT SHEETS

SHEET	1	2								
REV	-	-								

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN	B. McDONALD	TITLE: BEARING, SELF-ALIGNING, SEALED, UPPER DEAD WEIGHT, FLAP TRACK	DSC 516 PAGE 1 OF 2 12 FEB 97 Revision: -
CHECKED	J. JOHNSTON		
STRESS	C. REHBERG		
APPROVED	S. HAMID		

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6. MATERIALS:


- OUTER RACE: CRES PER AMS 5617 (CUSTOM 455) Rc 47 MIN.
- INNER RACE AND THRUST WASHERS: CRES PER AMS 5629 (PH13-8MO) H1000 COND
- LINER: MIL-B-8943
- SEALS: ACETAL RESIN OR EQUIVALENT

7. APPLICATION: FLAP TRACK ROLLER

8. PROCUREMENT DEPT SHALL SPECIFY THE DSC AND MANUFACTURERS PART NUMBER ON THE PURCHASE ORDER.

9. REQUIREMENTS - UNLESS OTHERWISE SPECIFIED

GENERAL:

- DIMENSIONS ARE IN INCHES
- SURFACE ROUGHNESS 125  MAX
- REMOVE SHARP EDGES .015

LIMITS:

- DECIMALS: 3 PLACE $\pm .010$
- ANGULAR TOLERANCE: $\pm 0^{\circ} 30'$

DHI PART NO	APPROVED VENDOR
DSC 516-1	KAMATICS CORP P/N KRP184306VTZ

VENDORS:

KAMATICS CORPORATION, BLOOMFIELD CONNECTICUT

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