

THIS DOCUMENT AND THE INFORMATION THAT IT CONTAINS IS CONFIDENTIAL AND PROPRIETARY TO AIRMIGHT ENGINE AND BRAR, LLC (ANR), MAY NOT BE COPIED OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN CONDUCTING BUSINESS WITH ANR, AND MAY BE DESTROYED AT ANY TIME WITHOUT NOTICE. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF ANR, AND THE RECIPIENT OF THIS DOCUMENT IS ADVISED THAT IMPROPER SELECTION OR IMPROPER USE OF THE INFORMATION CONTAINED HEREIN MAY BE CAUSAL IN THE OCCURRENCE OF PERSONAL INJURY, PROPERTY DAMAGE, AND IS SOLELY RESPONSIBLE THROUGH ITS OWN ANALYSIS AND TESTING FOR THE FINAL SELECTION OF ANY SYSTEMS AND COMPONENTS AND ASSURING THAT ALL PERFORMANCE REQUIREMENTS ARE MET. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR APPLICATION AND/OR NET. COPYRIGHT YEAR, YEAR OF COPYRIGHT IS THE YEAR(S) INDICATED ON THIS DOCUMENT. ALL RIGHTS RESERVED.

EXPORT WARNING: This document contains technical data whose export is restricted by the Arms Export Control Act (E.O. 22836, 50 U.S.C. 2602) and EAR (22 CFR 120.01). It is the responsibility of the recipient to ensure that this information is not exported or released, in any form, as intended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of 50C FR 200000 5230.25.

NOTES:

1. READ INSTALLATION MANUAL IM199-283 BEFORE INSTALLING.

2. THESE PARTS ARE SUPPLIED AS PART OF THE 199-283 KIT.

3. THIS EXISTING HARDWARE MUST BE RETAINED AND REUSED FOR THE INSTALLATION.

4. USE THIS KIT WITH MIL-PRF-5606 HYDRAULIC FLUID.

5. REFER TO INSTALLATION MANUAL IM199-283 FOR WEIGHT AND BALANCE DATA COMPUTATIONS.

6. QUANTITIES ARE PER KIT (ONE SHIPSET).

7. WHEEL IS RATED FOR USE WITH MICHELIN TIRE P/N 028-357-0 (6.50-10, 12 PR TUBELESS).

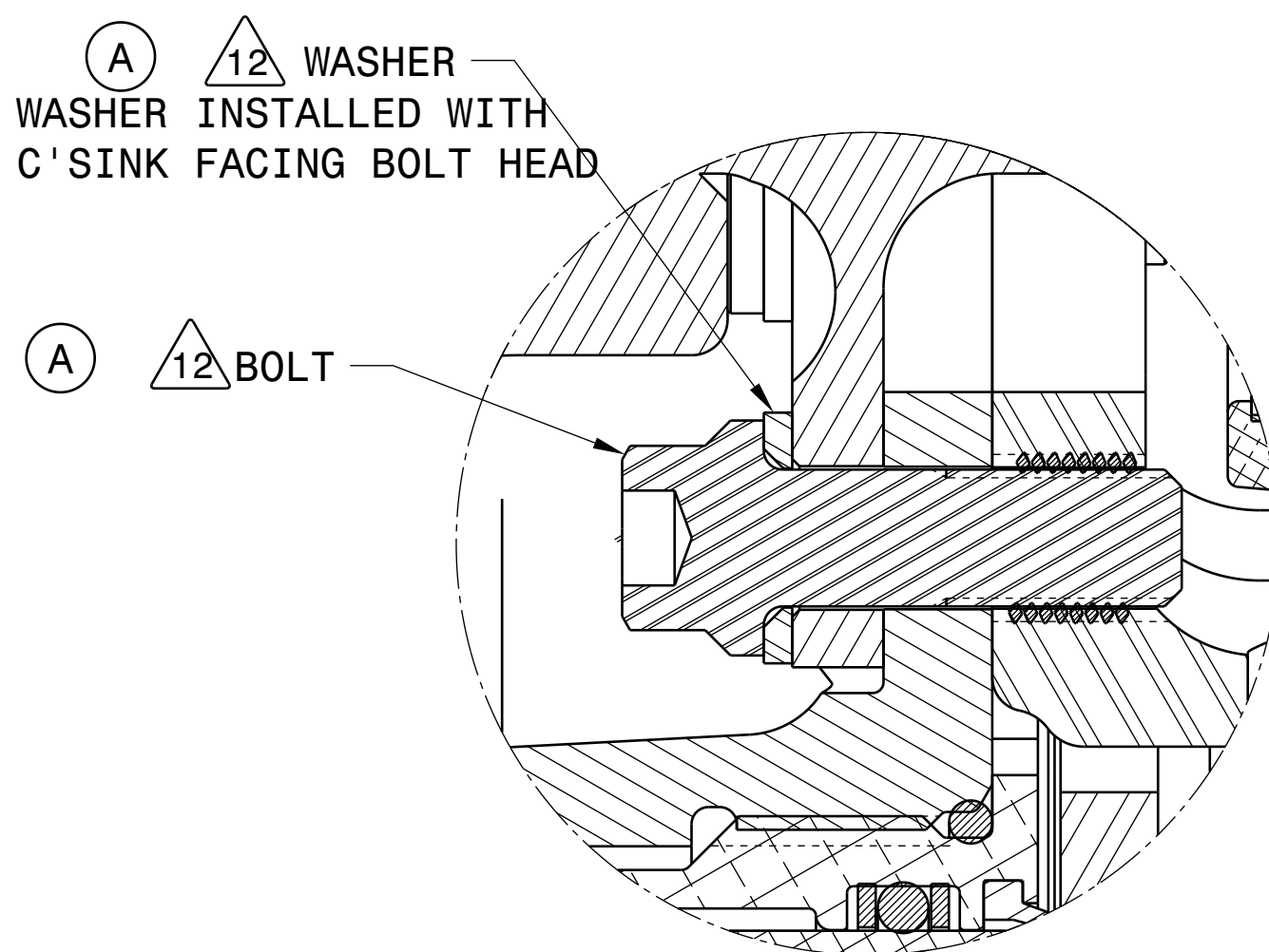
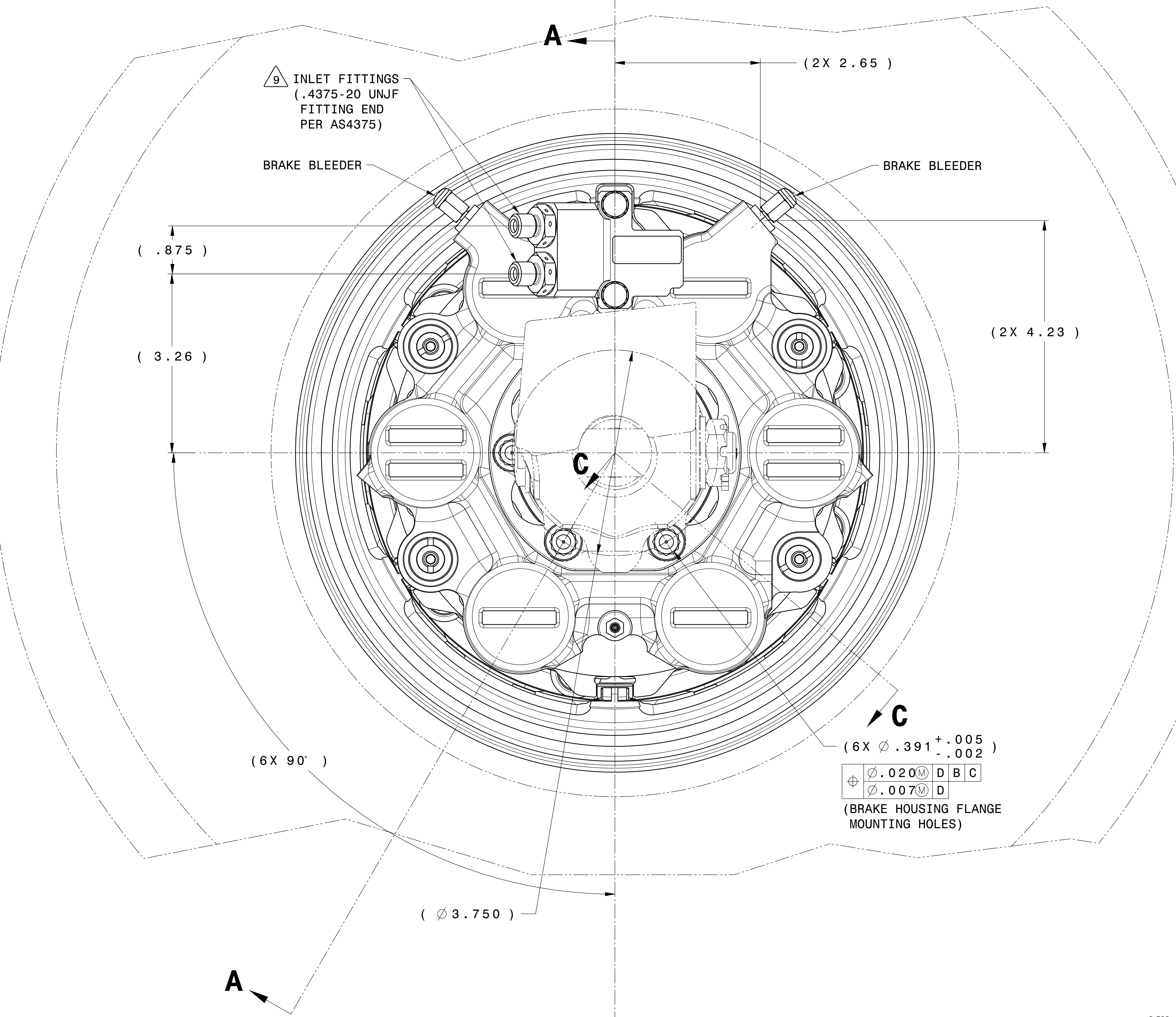
8. WHEEL AND BRAKE COMPATIBLE WITH AXLE AS DEFINED IN CUSTOMER SPECIFICATION 180-PSP-3240-04202, REV 00, DRAFT 1.

9. RIGHT SIDE MAIN LANDING GEAR POSITION SHOWN. TO CONFIGURE BRAKE FOR OPPOSITE SIDE INSTALLATION, REMOVE SHUTTLE.

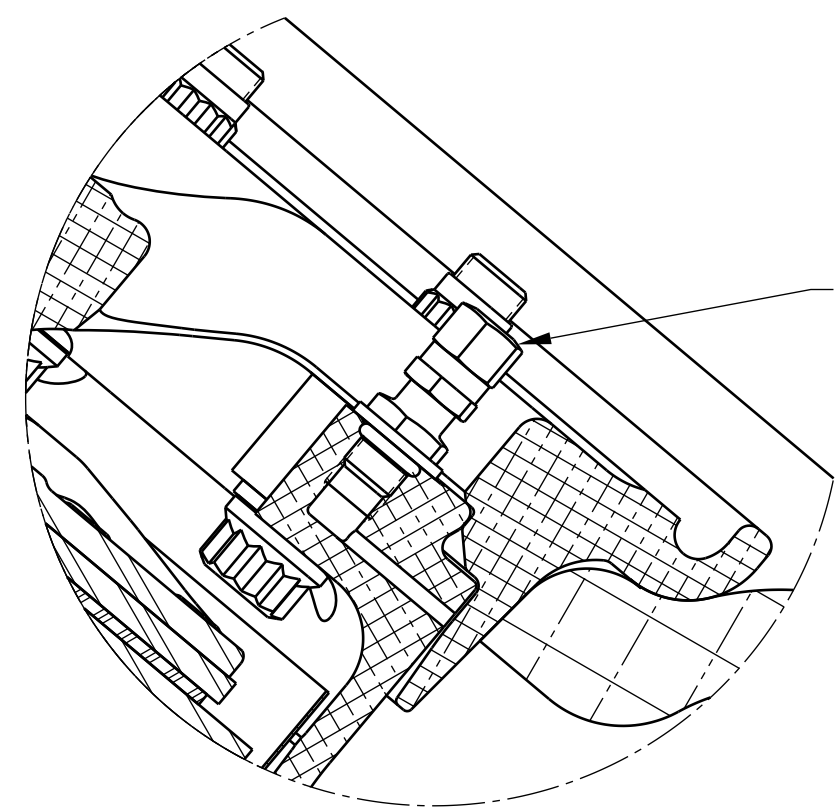
10. THE RECOMMENDED WHEEL BEARING PRELOAD ON AXLE IS 950±180 LB.

11. DRAWING AND DESIGN IN ACCORDANCE WITH FAA TSO-C26d (PART 23 USAGE) AND CUSTOMER SPECIFICATION 180-PSP-3240-04202. THIS DRAWING IS NOT TO BE USED FOR FABRICATION OR INSPECTION.

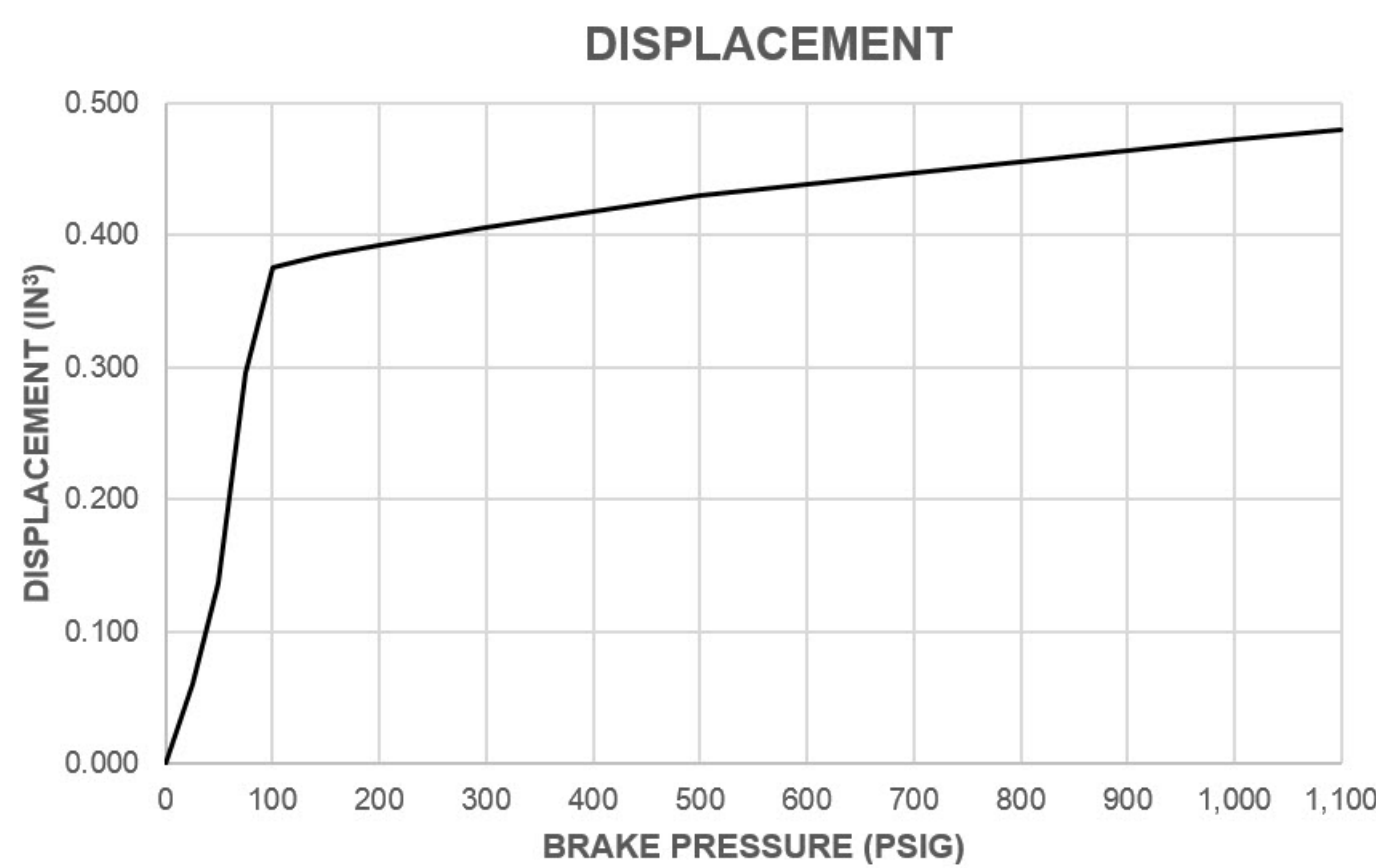
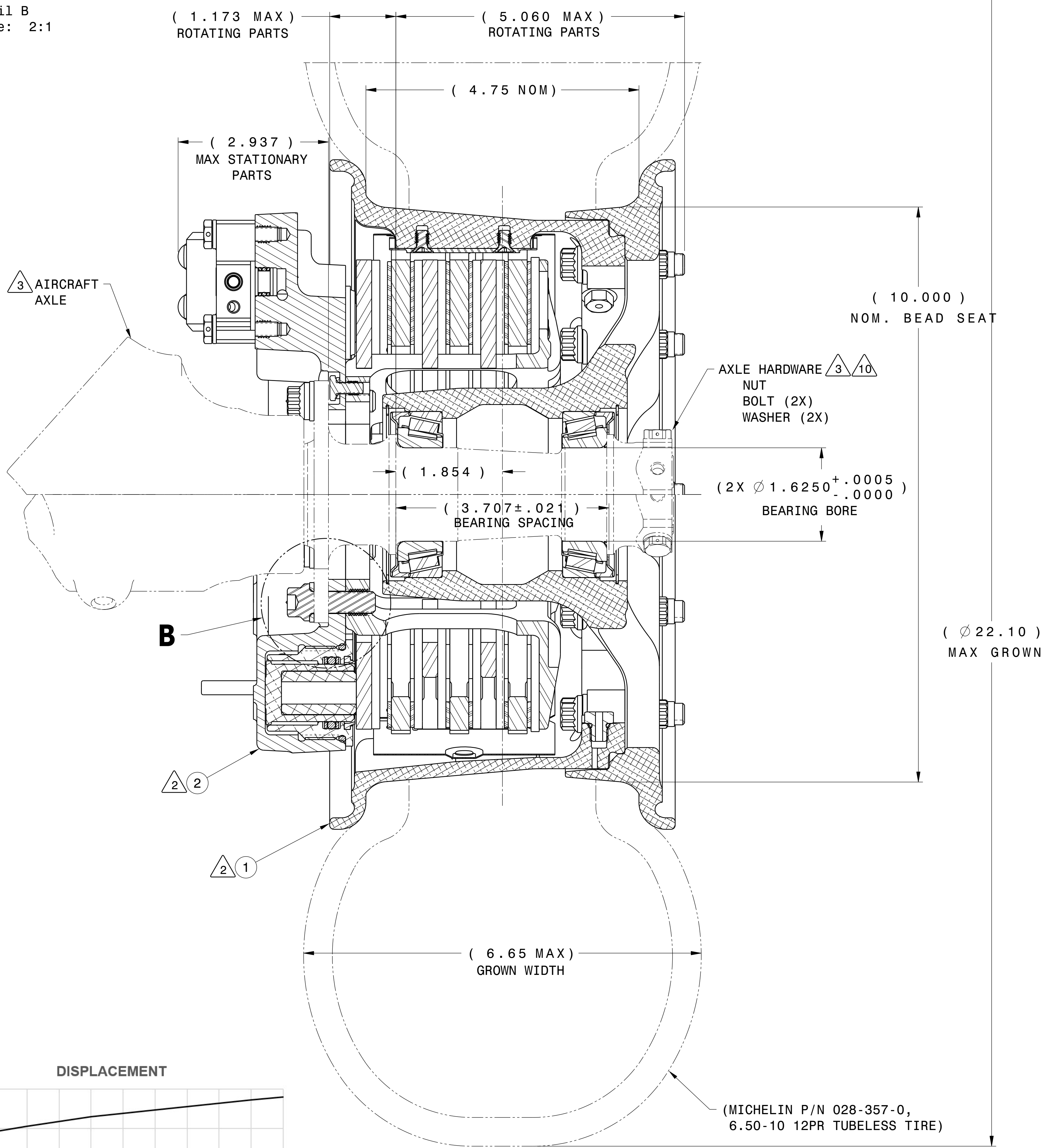
12. TO INSTALL BRAKE ON AXLE, USE NEW BOLTS AND WASHERS WHICH ARE SUPPLIED AS PART OF THE 30-289 BRAKE ASSEMBLY.



Detail B
Scale: 2:1



SECTION C-C
SCALE: 1:1



SECTION A-A
SCALE: 1:1

Item No.	Quantity	Part Number	Nomenclature
1	2	40-480	WHEEL ASSEMBLY
2	2	30-289	BRAKE ASSEMBLY
3		"REMOVED"	
4		"REMOVED"	

GENERAL NOTES: UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES THIRD ANGLE PROJECTION		PROGRAM/CONTRACT NO. 025				Cleveland Wheels & Brakes	
2 PLACE (XX): +.03 3 PLACES (XX): +.010 ANGLE: REMOVE ALL BURRS BREAK CORNERS .010 MAX INTERNAL RADIUS .005-.010 GENERAL MACHINE SURFACES	SEE CA CHECKED SEE CA ENGINEER CHECKED DESIGN APPROVAL SEE CA PROQ APPROVAL SEE CR	DATE SEE CA SEE CA SEE CA SEE CA SEE CA SEE CR	INSTALLATION, WHEEL & BRAKE		SIZE E 33269	CAGE CODE 50-166	DWG. NO. 1
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND MICROFINISHES APPLY TO COMPLETED PART, PLUS PAINT		PER AMS B46-1		REV.		SHEET: 1 OF 1	

REVISIONS							
CA #	REV	DESCRIPTION OF CHANGE	CHG BY	CHK BY	DATE	APPROVED	
0071726	N/C	INITIAL RELEASE	RR	KH	10-20-2016	E. MARKS	
0066582	A	SEE ECO	RR	PH	11-30-2017	E. MARKS	
00000003	B	SEE CA	AS	AS	09-12-2023	A. SATAYATHUM	