



US Department of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION **(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved
OMB No. 2120-0020

For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make REPUBLIC	Model RC - 3
	Serial No. 443	Nationality and Registration Mark N6240K
2. Owner	Name (As shown on registration certificate) HARLAN ASSOCIATES OF SPRUCE CREEK INC.	Address (As shown on registration certificate) 3511 SILVERSIDE ROAD, SUITE 105 WILMINGTON, DE 19810

3. For FAA Use Only

The data/alteration herein complies with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7

3/29/03 Benjamin P. Calma FAA-PSDO-15

Date		Signature		4. Unit Identification		5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration		
AIRFRAME	(As described in Item 1 above)					X	
POWERPLANT							
PROPELLER							
APPLIANCE	Type						
	Manufacturer						

6. Conformity Statement

A. Agency's Name and Address HARVEY BARNETT 3313 OAK VISTA DRIVE DAYTONA BEACH, FL 32128	B. Kind of Agency	C. Certificate No.
	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	1302210
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date <u>3/30/03</u>	Signature of Authorized Individual <u>[Signature]</u>
------------------------	--

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☐ APPROVED ☐ REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection <u>3/30/03</u>		Certificate or Designation No. IA 1302210	Signature of Authorized Individual <u>[Signature]</u>		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

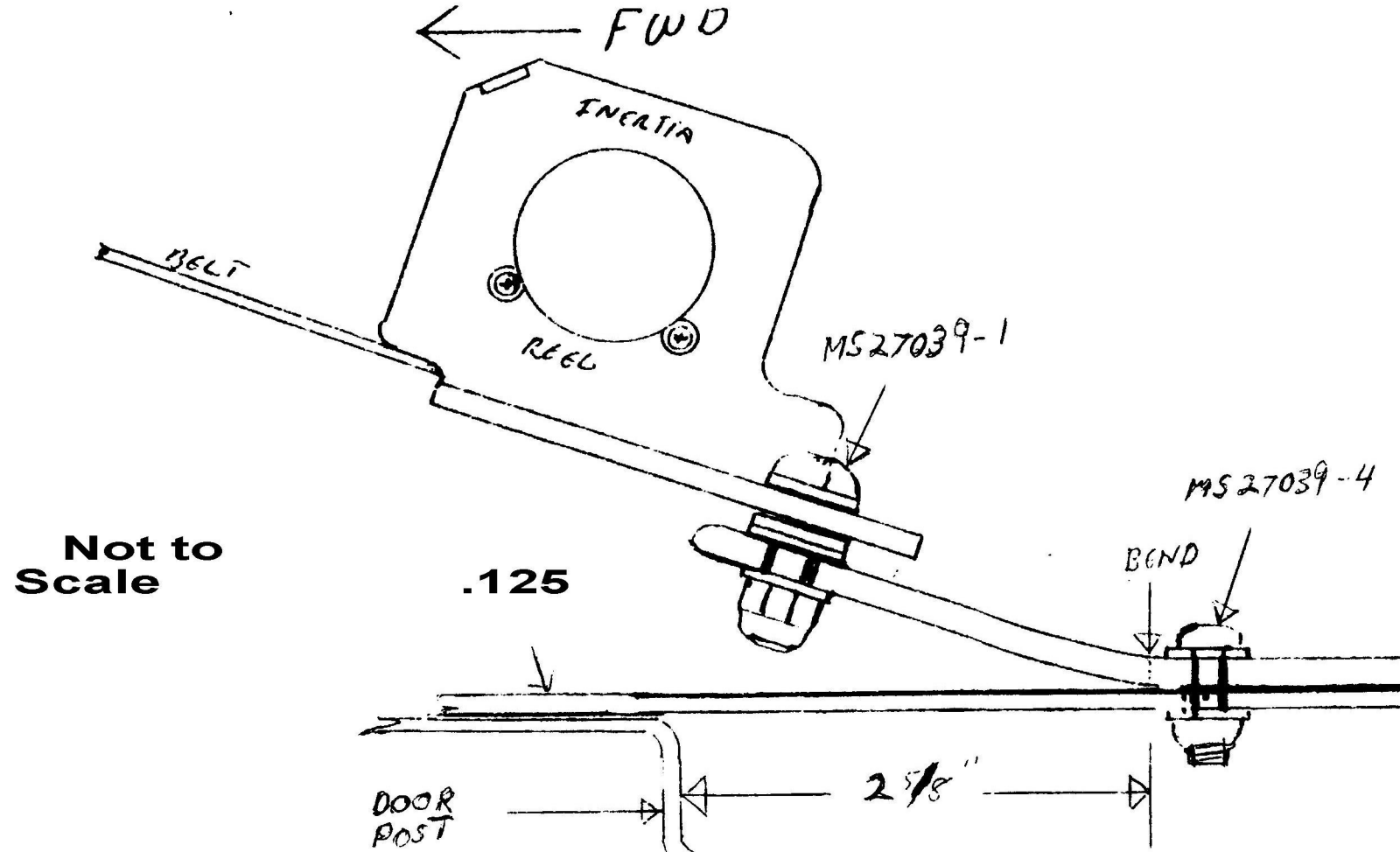
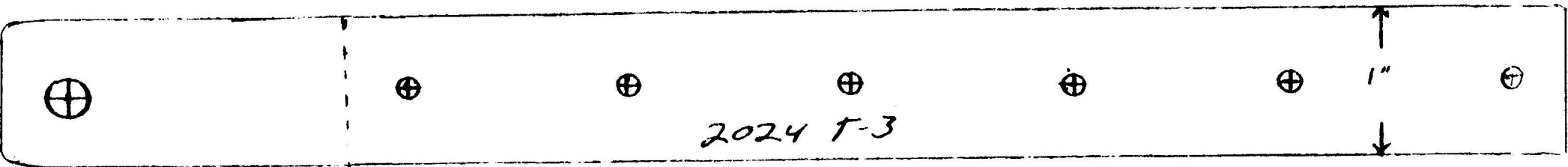
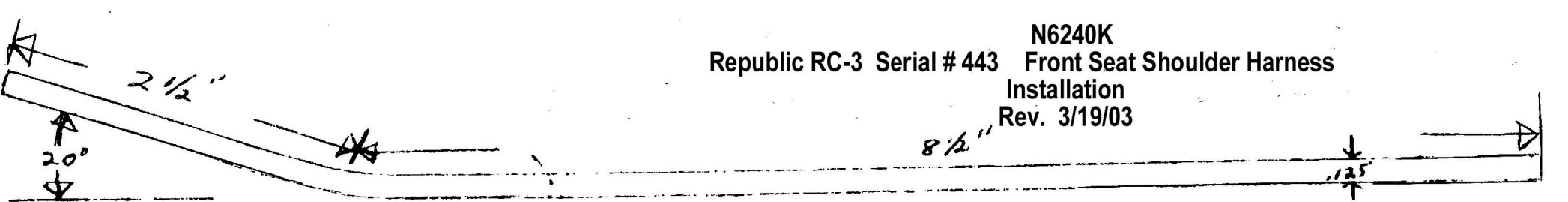
ICA CHECKLIST

1. REPUBLIC RC - 3, N6240K, SER # 443
2. INSTALLED HOOKER CUSTOM HARNESS INC. SEATBELTS, MODEL # 206440, AND FRONT SEAT SHOULDER STRAPS MODEL # 2D80.7 WITH HOOKER MODEL A8 INERTIA REELS. TSOC22F SEATBELTS AND SHOULDER STRAPS. SEAT BELTS ATTACHED USING ORIGINAL METHODS AND IN ORIGINAL LOCATION. SHOULDER HARNESS INERTIA REELS ATTACHED TO A 1" X 11"X .125 2024 T3 ALUMINUM STRAP BY ONE MS27309-4 AIRCRAFT STRUCTURAL SCREW WITH BUSHING. ALUMINUM STRAP IS ATTACHED TO AIRCRAFT FRAME BY 6 MS27039-1 AIRCRAFT STRUCTURAL SCREWS. WORK DONE IN ACCORDANCE WITH AC 43.13 2A, CHAPTER 9, PER FIG 9.3 AND FIG. 9.4 "SHOULDER HARNESS INSTALLATIONS". THIS MODIFICATION ADDS 2LBS. TO STATION 86.5. WEIGHT AND BALANCE CHANGE RECORDED IN THE PERMANENT AIRCRAFT RECORDS AND A NEW WEIGHT AND BALANCE WAS CALCULATED.
3. N/A
4. N/A
5. MUST BE INSPECTED ANNUALLY IN ACCORDANCE WITH FAR43 APPENDIX D AND FAR PART 91.
6. N/A
7. N/A
8. SEE ATTACHED DIAGRAM FOR "FRONT SEAT SHOULDER HARNESS INSTALLATION" DATED 3/19/2003
9. N/A
10. N/A
11. N/A
12. N/A
13. N/A
14. N/A
15. N/A
16. A LETTER WILL BE SUBMITTED TO THE LOCAL FSDO WITH A COPY OF THE REVISED FAA FORM 337

-----END-----

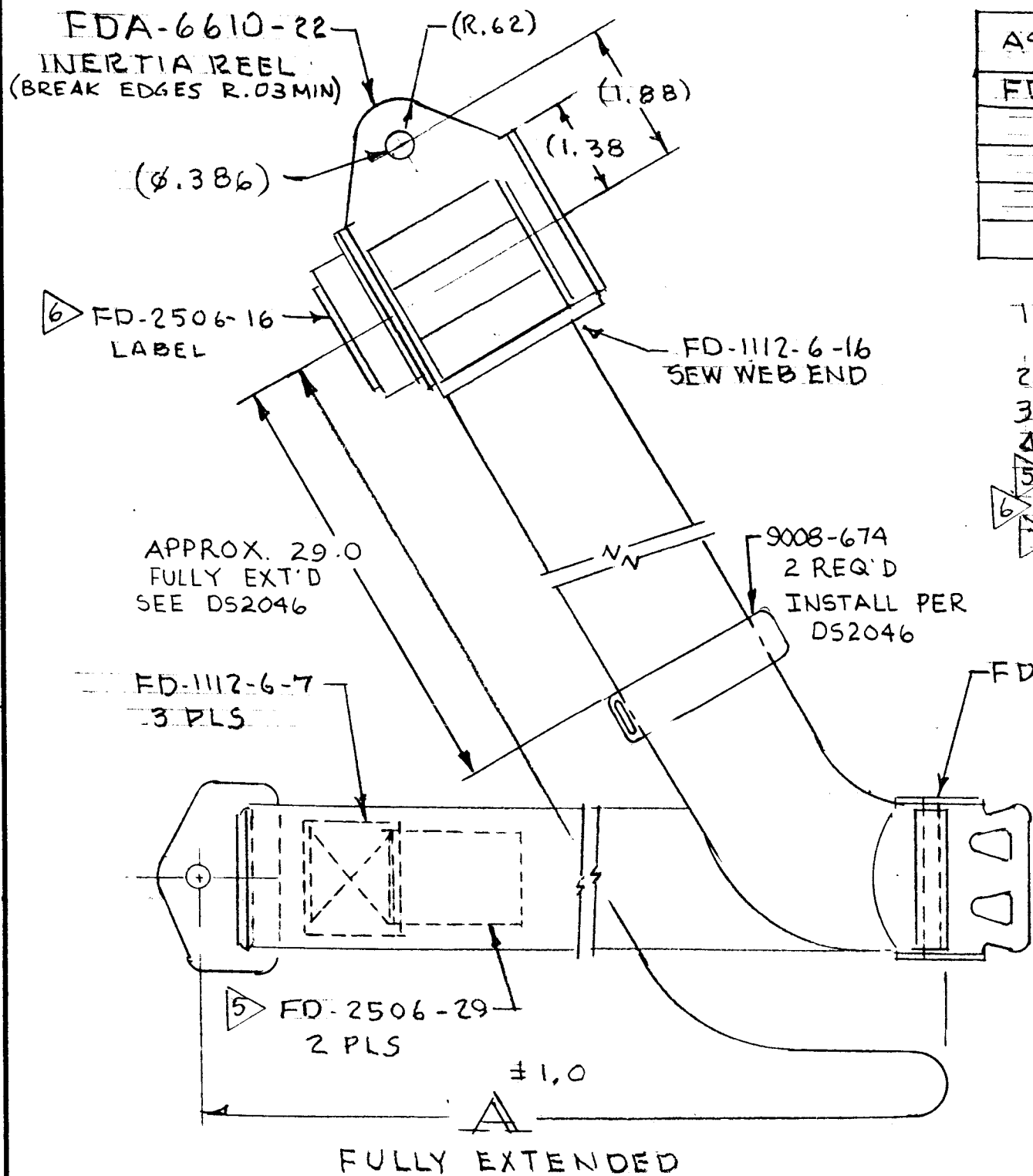
X Additional Sheets Are Attached

N6240K
Republic RC-3 Serial # 443 Front Seat Shoulder Harness
Installation
Rev. 3/19/03







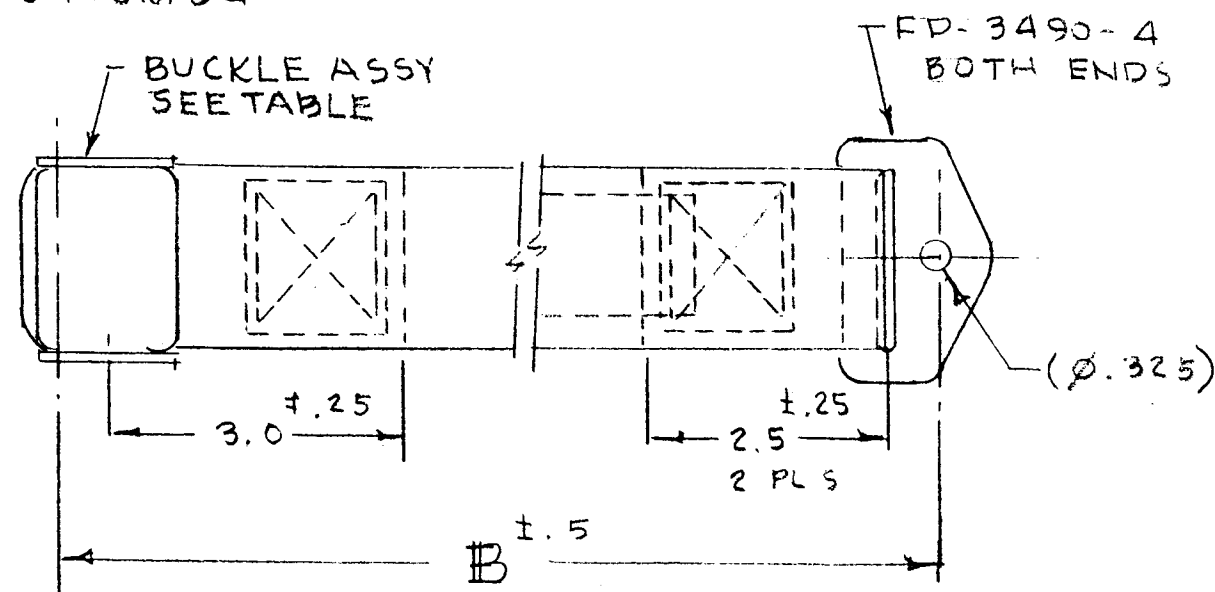


FDC-6400-568

ASSY P/N	A	B	BUCKLE P/N
FDC 6400-568-1	75.0	15.0	FDA-6410MA-27
-2	83.0	19.0	-27
-3	75.0	15.0	-26
-4	83.0	19.0	-26
-5	83.0	14.0	-27

REVISIONS			
LTR	DESCRIPTION	DATE	APP
A	MOD'D REEL FRAME	1-20-98	DFD
B	FDA-6610-22 WAS FDA-6610-8	1-20-98	BS
C	ADDED 9008-674 PER EO C/I	2-1-01	DFD
D	REVISED NOTE	6-17-03	DFD
E	ADDED -5	5-3-06	DFD

- 1- WEB 2" NYLON NW61 COLOR EXPRESSED BY 3 DIGIT CODE FOLLOWING PART NO
- 2- THREAD NYLON V-T-295 SIZE 3 COLOR TO MATCH WEB
- 3- HEAT SEAL WEB ENDS
- 4- CONFORMS TO FAA TSO-C22F
- 5- MARK LABEL WITH P/N, 1500 LB STRENGTH, DATE OF MFR, TSO-C22F LAP BELT ONLY.
- 6- MARK LABEL WITH P/N, 1500 LBS, DATE OF MFR
- 7- FDA-6410MA-27 HAS AC 204 SATIN ANODIZE COVER
FDA-6410MA-26 SAME AS -27 EXCEPT HAS "MAULE" LOGO ON COVER



This document is the intellectual property of Davis Aircraft Products Co., Inc. and is not to be reproduced or used for manufacture without expressed permission in writing from Davis Aircraft Products Co., Inc. Davis reserves all patent and design rights herein except where specifically granted.

NEXT ASSY	TOLERANCES	NOTED	DRAWN	NH	20 JAN 98	DATE	DAVIS AIRCRAFT PRODUCTS CO., INC.	
	MATERIAL	—	CHECKER	BS	1-20-98	DATE	BOHEMIA, L.I., N.Y. 11716	
	HEAT TREAT	—	ENG	DFD	1-20-98	DATE	TITLE	
	FINISH	—	APPROVED	BTD	1-20-98	DATE	LAP BELT W/SHOULDER STRAP	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SCALE	1:2	WT	SIZE	CODE IDENT NO.	DRAWING NUMBER
						B	98313	FDC-6400-568