US Department of Transportation Federal Aviation

Administration

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

Form	App	rove	ed	
OME	No.	212	20-0	020

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 a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

IOI Eacil Suc	ii violation (Section	on son rederal Aviat	JON AC	CLOII	936).						
1. Aircraft	Make	epublic				Model	RC-3				
1. AllGraft	Serial No. 1000			-	Nationality and Registration N						
	Name (As shows	n on registration cer	tificat	e)		Address	(As shown on reg		ertificate)		
2. Owner	Davey Darrell L				6613 Santa Rosa Rd						
Davey Deborah A						Can	narillo Ca 9	3012-5	672		
				3. F	For FAA Use Or	ıly	<u>, , , , , , , , , , , , , , , , , , , </u>				
Bearing	Same	requirements	and is apspection	oprovea	omplies with the aproportion the above describes on authorized in FAI	ed aircraft. su	bject to				
				4. (Jnit Identification	on	······································		5. Type	<u></u>	
Unit	M	ake		···	Model		Serial No) <u> </u>	Repair	Alteration	
AIRFRAME	~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ls des	cribed	d in Item 1 abov	e)					
POWERPLANT											
PROPELLER											
APPLIANCE	Type Manufacturer										
			•	6. Co	nformity Staten	ent					
A. Agency's Na	ame and Address			B. I	Kind of Agency			C. Certi	ficate No.		
K	enneth L. T	hompson		N	U.S. Certificated	•					
	D Box 411	- - -			Foreign Certifica			54	457670 5	1	
	ineburg, Ca	95487			Certificated Rep Manufacturer	air Station	<u> </u>				
D. I certify the	at the repair and/o made in accorda	or alteration made to nce with the require correct to the best	ements	of Pa	dentified in item art 43 of the U.S	4 above a 5. Federal	nd described on the Aviation Regulation	he reverse ons and th	or attachmer at the inform	nts hereto ation	
Date		_		f -	nature of Autho						
8	25-99			1	Hen T.	lo	nyeon				
			7. Ap	prova	al for Return To	Service					
Pursuant to t Administrator	the authority give r of the Federal Av	n persons specified iation Administration	belov on and	w, the	unit identified	in item 4	was inspected in	the man	ner prescribe	ed by the	
FAAInspe	Fit. Standards ector	Manufacturer		Inspe	ection Authoriza	tion	Other (Specify)				
	Designee	Repair Station			on Approved by ada Airworthines						
Date of Approva	al or Rejection	Certificate or Designation No.			ature of Author		idual				
552273581				Douglas D. Smith							

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.)

Republic RC-3 N5166B Ser.# 1000

- Description: Installed Kenair Bearing Saver bearing pressurization device on B.F Goodrich model 6056A 7.00X8
 main landing gear wheels. Original method of wheel attachment has not been altered. Reference attached
 drawings.
- 3. Control, operation information: Reference Kenair installation and operation manual KA-1, rev.1 dated 7-15-99
- 4. Servicing information: Add grease through fitting
- 5. Maintenance instructions: Must be inspected annually in accordance with FAR 43 appendix D.
- 6. Trouble shooting information: N/A
- 7. Removal and replacement information: Reference Kenair installation and operation manual KA-1, rev.1 dated 7-15-99
- 8. Diagrams: Attached
- 9. Special inspection requirements: None
- 10. Application of protective treatments: None
- 11. Data: Previous FAA form 337 attached
- 12. List of special tools: None
- 13. For commuter category aircraft: N/A
- 14. Recommended overhaul periods: No additional overhaul time limitations
- 15. Airworthiness limitation section: No additional airworthiness limitations
- 16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA form 337

Republic RC-3 S/N 1000 N5166B

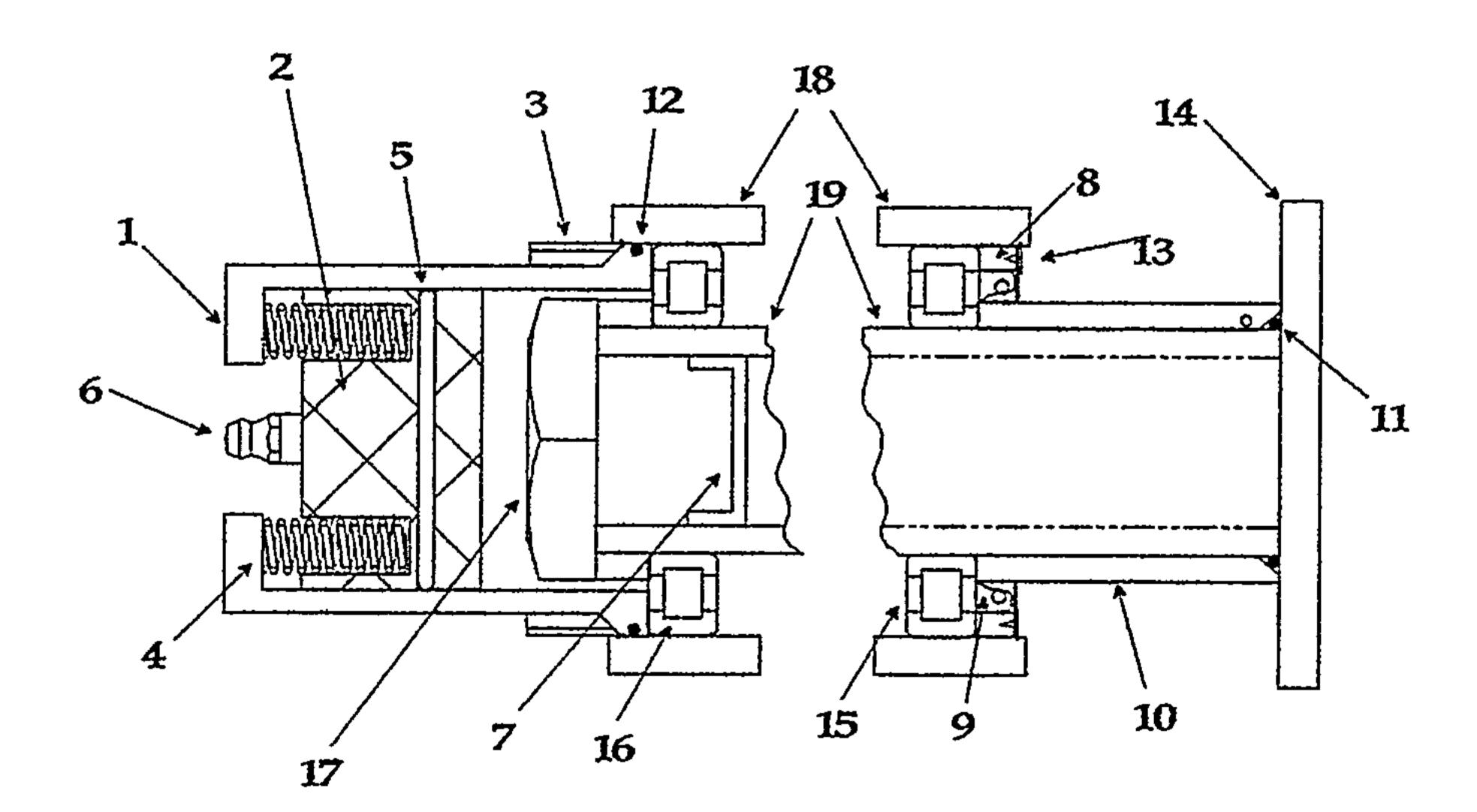
Kenair Aviation

P.O.Box 411 Vineburg, Ca 95487

Bearing Saver Automatic Bearing Greaser K-1

Installation and operation manual K-1

- 1. Remove wheel.
- 2. Remove inner snap ring (13), washers, grease seal and axle spacer.
- 3. Replace with seal (9), seal adapter (8), and snap ring (13) (original).
- 4. Install seal journal (10) with 0 ring (11) over axle.
- 5. Install core plug (7) in axle.
- 6. Remove outer grease seal and washers.
- 7. Replace wheel on axle and secure with axle nut (17), and cotter pin.
- 8. Install assembled grease dome (1,2, 4, 5, 6, 12) on wheel with lock ring (3) insuring that lock ring is seated completely in wheel groove.
- 9. Using grease gun, pump grease in fitting (6) until piston is approx. 1/4" from top of grease dome.
- 10. Refill grease dome when piston is 3/4" from top of grease dome.
- 11. Inspect fill status and security of dome at each pre-flight.



Item#	Description		Otv
1	Grease Dome		1
2	Piston		1
3	Lock Ring		1
4	Spring		6
5	Oring		1
6	Grease Fitting		1
7	Axel Core Plug		1
8	Seal Adapter		1
9	Seal	<u> </u>	1
10	Seal Journal		1
11	O ring		1
12	Oring		1
13	Snap Ring	Original	1
14	Brake support	Original	1
15	Inner Bearing	Original	1
16	Outer Bearing	Original	1
17	Axel Nut	Original	1
18	Wheel	Original	1
19	Axel	Original	1

Pg 20F4 8-25-99



US Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

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Office Identification

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for each such violation (Section 901 Federal Aviation Act of 1958).	

AGROPELLER Type Type Manufacturer 6. Conformity Statement 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 SAPPROVED REJECTED Agency's Name and Address B. Kind of Agency C. Certificate No. D. Certificate No. Sy U.S. Certificated Mechanic 552273581 552273581 552273581 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 SAPPROVED REJECTED Repector Manufacturer X Inspection Authorization Other (Specify)	and disp	position of this form. I such violation (Sect	This report is require	d by la	, FAR 43 Appendix B, a aw (49 U.S.C. 1421). Fa act of 1958).	ailure to re	eport can result in	a civil pen	alty not to exc	eed \$1,000
Nationality and Registration Mark Nationality and Registration Mark Nationality and Registration Mark Nationality and Registration certificate) Address (As shown on registration certificate) Address (As shown on registration certificate) Address (As shown on registration certificate)		Make RE	PUBLIC			Model	RC-3		<u></u>	
Name (As shown on registration certificate) Address (As shown on registration certificate) Address (As shown on registration certificate) 6613 SANTA ROSA ROAD CAMARILLO CA 93010	1. Aircraft	Serial No.			<u></u>	National	ity and Registration	on Mark		
Name (As shown on registration certificate) DARREL L DAVEY The data/shassion identified herein complies with the applicable airworts for the above described aircast, subject to conformity for FAA Use Only inspection by a person authorized in FAR 43. Section 43.7 DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration Unit DATE SignaTure DAK-SDO Model Serial No. Repair Alteration IN Agency's Name and Address B. Kind of Agency DOUGLAS P. SMITH SignaTure DAK-SDO Model Serial No. DOUGLAS P. SMITH SignaTure DAK-SDO Model Serial No. DOUGLAS P. SMITH SignaTure DAK-SDO Model Serial No. Douglas PAECH DR. Foreign Certificated Mechanic Serial No. December DAK-SDO Model Serial No. Douglas PAECH DR. Foreign Certificated Mechanic Serial No. December DAK-SDO Model	, • *	95	· O					JII IVIUIN		
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Turnished herein is true and correct to the best of my knowledge. Signature of Authorized Individual	nave	oeen made in accorda	ance with the requir	ement	nit(s) identified in itens	n 4 above a	and described on t	he reverse	orattachmer	nts hereto
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ate of Approval or Rejection Certificate or Signature of Authorized Individual		AA Designee	Repair Station		Person Approved by Canada Airworthines	Transport s Group				
	ate of App	roval or Rejection			Signature of Author	ized Indiv	idual			

NOTICE

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

INSTALLED MAIN LANDING GEAR BEARING PRESSURIZATION DEVICE ON B.F.GOODRICH MODEL 6056A 7.00X8 WHEELS AS SHOWN ON PAGE 2. ORIGINAL METHOD OF WHEEL ATTACHMENT HAS NOT BEEN ALTERED. EQUIPMENT LIST REVISED AND AIRCRAFT WEIGHED.

Additional Sheets Are Attached

PACE 2 07 2

NOTES:

GREASE DOME MATL: 17-455 OR 30455 .156 GAP CLOSED -- 310 OPEN"
LOCK RING MATL: 17-455 OR 30455 .156 GAP CLOSED -- 310 OPEN"
PISTON MATL: BLACK DELRIN * SEAL ADAPTER
CORE PLUG: 1254 DORMAN # 565-OPE
SPRINGS, 4 REOD .375 OD X 1.55 LG 10 TPI W .0474 WIRE
GREASE SEAL: FEBERAL # INATIONA 35300

