

CYCLE RECORD COMPRESSOR ASSEMBLY

Part VI

Page No. _____

(Refer to Life Limiting CSL)

CAC38718F

250-C20B

Installed				Do Not Exceed Cycle Counter Reading	Removed		Cycles This Installation
Date	Owner	Eng S/N	Cycle Counter Reading		Date	Cycle Counter Reading	
4/25/96	Keystone	820030F	5,484	10,494	9/96	5655	0171
9-18-96	Keystone	840965	2613		11-12-96	2703	90
11/22/96		820030	5655	10,404	4-30-97	3209	31/4508
Correction follows due to different counter installed between 4/15 and 4/30/97							
5/8/97		820030	5657	10,375	8/97	Counter Replaced	391/4899
8/27/97		820030	0000	4327	4/17/98	0001	0 / 4899
4-29-98		830278	0005	4332			

T. J. Wall
CRS 4KER025K

CYCLE RECORD COMPRESSOR ASSEMBLY

(Refer to Life Limiting CSL)

 Compressor Serial Number CAC - 38718F

 Engine Model 250-C20 B

Installed				Do Not Exceed	Removed		Cycles This Installation
Date	Owner	Eng S/N	Cycle Counter Reading	Cycle Counter Reading	Date	Cycle Counter Reading	
3-19-76		823091					
6-29-77	Temsco	823091	1662				
12/14/89	Keystone	820030F	2764	0284	1/90	2764	-0-/1630
1-22-90		836134	0459 Total	9609 ⁷⁹⁷⁹	4/30/90	790	331/1961
5-7-90		820030F	2764	9953	12-3-92	3088	324/2285
1-14-92	Keystone	820030F	3088	9943	5/25/94	6404	86/2371
29-05-94	AIR ALMA	45017	6154		16-08-94	6493	339/270
23-05-94	AIR ALMA	45017	6530		2-11-94	6608	78/2788
12/28/94	ERRORS MADE IN 5/94 "Cycles This Installation" ENTRY- SHOULD BE:						746/3031
	CYCLE COUNT AS ADJUSTED IS 3448 AT THIS TIME.					Tim Wabel	ADJ/3448
4-6-95	UNIVERSAL AIR	8222931	3448		8-15-95		130/3578
1/11/96	Keystone	820030	4834	10,406	3/96	5484	638/4216

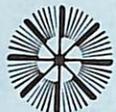
ASSEMBLY RECORD

COMPRESSOR ASSEMBLY

Compressor Serial Number CAC - 38718 F

Engine Model 250-C20 B

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Comp. Total Time	This Item	Date	Comp. Total Time	This Item	
					TT			TT	
		Cycles			Cycles				
1st Stg. Whl.	6876651	C37645	3-19-76	0.0	0.0	7-3-89	3476.2	3476.2	CEB 1110
								UNK.	
2-3 Stg. Whl.	6876652	C29044	"	0.0	0.0	"	"	3476.2	CEB 1110
								UNK.	
4th Stg. Whl.	6876654	C29523	"	0.0	0.0	"	"	3476.2	Erosion
								UNK.	
5th Stg. Whl.	6876655	C16020	"	0.0	0.0	"	"	3476.2	Erosion
								UNK.	
6th Stg. Whl.	6876656	C16205	"	0.0	0.0	"	"	3476.2	Erosion
								UNK.	
IMPELLER	6876873	C31274	"	0.0	0.0	"	"	3476.2	High Time
								UNK.	
ADAPTER	6890480	LL31643	"	0.0	0.0	"	"	UNK.	None Received
								UNK.	
TIE BOLT	6871259	25552	"	0.0	0.0	3/29/96	4928.8	4928.8	Corrosion Pits
								4216	



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION — MAINTENANCE OVERHAUL RECORD COMPRESSOR ASSEMBLY

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Compressor Serial Number CAC 38718 Engine Model 250-C20B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
10/18/95	1307.4	4783.6	Complied with the 100 hour inspected requirements, repaired and tested per the manufacturer's specifications.		
<p>The powerplant and/or component identified herein was repaired and inspected in accordance with current Federal Aviation Administration Regulations, and was found air-worthy for return to service. Pertinent details of the repairs are on file at this agency under:</p> <p>W.O. No. <u>ER506</u> Date <u>10/18/95</u> Signed <u>Timothy A. Wabl</u> for _____</p> <p>KEYSTONE ENGINE SERVICES 1420 PHOENIXVILLE PIKE WEST CHESTER, PA 19380 A Division of Keystone Helicopter Corp.</p> <p>CRS # YKER025K</p>					
4/25/96	1452.6	4928.8	Replaced the impeller, inspected per the 100 and 300 hour requirements and tested per the manufacturer's specifications.		
<p>The powerplant and/or component identified herein was repaired and inspected in accordance with current Federal Aviation Administration Regulations, and was found air-worthy for return to service. Pertinent details of the repairs are on file at this agency under:</p> <p>W.O. No. <u>ER602</u> Date <u>4/25/96</u> Signed <u>Timothy A. Wabl</u> for _____</p> <p>KEYSTONE ENGINE SERVICES 1420 PHOENIXVILLE PIKE WEST CHESTER, PA 19380 A Division of Keystone Helicopter Corp.</p> <p>CRS # YKER025K</p>					



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION — MAINTENANCE OVERHAUL RECORD COMPRESSOR ASSEMBLY

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Compressor Serial Number CAC 38718F Engine Model 250-C20B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
5-24-94	883.7	4359.9	Inspected externally for time to continue.		KES
Total cycles 3031 CSO-1401			Previously tested under WO-ER 408.	<i>Robert A. Jones</i>	
			Reference WO-ER 404		
11-07-94	1121.8	4598.0	PRE-RENTAL INSPECTION CARRIED OUT	<i>Jim Hunter</i>	YKER025K ESSENTIAL TURBINES
	CSO 1158	CSN 2788	DETAILS UNDER W/O # C1005		AMO 37-94
12/28/94	1121.8	4598.0	Replaced the fifth and sixth stage wheels		
	CSO 1810	CSN 3448 344	and the diffuser vane assembly. Installed an overhauled compressor case. Functionally tested.		

The powerplant and/or component identified herein was repaired and inspected in accordance with current Federal Aviation Administration Regulations, and was found air-worthy for return to service. Pertinent details of the repairs are on file at this agency under:

W.O. No. ER404/E4131 Date 12/28/94

Signed Timothy J. Wahl for

KEYSTONE ENGINE SERVICES
1420 PHOENIXVILLE PIKE
WEST CHESTER, PA 19380
A Division of Keystone Helicopter Corp.

CRS # YKER025K



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION — MAINTENANCE OVERHAUL RECORD COMPRESSOR ASSEMBLY

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Compressor Serial Number CAC38718F Engine Model 250-C20B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
1-14-92	438.2	3914.4	Inspected, repaired & tested per manufacturer's specifications.		K.E.S. YKER025K

Total Cycles: 2285

CSO - 655

The Powerplant and/or component identified herein was repaired and inspected in accordance with current Federal Aviation Administration Regulations, and was found Air-worthy for return to service. Pertinent details of the repairs are on file at this Agency under:

W.O. No. ER106 Date 1-14-92

Signed Robert A. Jones for _____

KEYSTONE ENGINE SERVICES
1420 PHOENIXVILLE PIKE
WEST CHESTER, PA 19380
A Division of Keystone Helicopter Corp.

CRS # YKER025K

**THIS ENGINE/COMPONENT
OWNED BY KEYSTONE
WEST CHESTER, PA.
ONLY KEYSTONE CAN AUTHORIZE
INCURRENCE OF LIENS OR REPAIRS**

INSPECTION — MAINTENANCE — OVERHAUL RECORD

COMPRESSOR ASSEMBLY

FORM 2764 B

Compressor Serial Number CAC - 38718F Engine Model 250-C20 B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
6-29-77	New	767.5	Repaired & tested on APSI W/O 20381	<i>D. Jones</i>	APSI
12/14/89	0.0	3476.2	Inspected, overhauled and tested per Allison O/H manual.	<i>T. Puffer</i>	Keystone Engine Services
Cycles:	1630	NOTE:	Time continued impeller installed.		CRS 117-100
Counter:	2764				

The Powerplant and/or component identified herein was overhauled and inspected in accordance with current Federal Aviation Administration Regulations, and was found Airworthy for return to service. Pertinent details of the repairs are on file at this Agency under:

W.O. No. E9103 Date 12/14/89

Signed *Thomas Puffer* for

KEYSTONE ENGINE SERVICES
1420 PHOENIXVILLE PIKE
WEST CHESTER, PA 19380
A Division of Keystone Helicopter Corp.

CRS No. 117-100

TRANSFER RECORD

SHIPPED			Compressor Time		RECEIVED	
Date	From	To	Since OH	Total	Date	By
			3-19-76	DDAD GMC		
5-10-77	Temsco	APSI	New	767.5	5-10-77	APSI
6-29-77	APSI	Temsco	New	767.5		
1-5-89	VAS		New	3476.2		
					7-3-89	Keystone
					4-30-90	Keystone
					12-3-91	Keystone
11/5/93	Keystone	Kern County	438.2	3914.4	11/5/93	Kern County
1/5/94	Kern County	Keystone Heli				
2-11-94	AIR ALMA	ESSENTIAL	1121.8	4598.0	11-05-94	ESSENTIAL TURBINES
11-07-94	ESSENTIAL TURB.	KEYSTONE HELI	1121.8	4598.0	11/10/94	Keystone
6-3-95	KEYSTONE	UNIVERSAL AIR	1121.8	4598.0		
					9/22/95	Keystone
9-17-96	Keystone	Florida Power Corp.	1454.1	4930.3		Keystone

SERVICE RECORD COMPRESSOR ASSEMBLY

Part I
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FORM 2782 B

Compressor Serial Number CAC - 38718F

Engine Model 250-C20B

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Compressor Time		Date	Compressor Time		Reason
			Since OH	Total		Since OH	Total	
3-19-76		823091	New	0.0	5-10-77	New	767.5	
6-29-77	Temsco	823091	New	767.5	<i>12-28-88</i>	<i>New</i>	<i>3476.2</i>	<i>Time Change</i>
12-14-89	Keystone	820030F	0.0	3476.2	1-22-90	0.0	3476.2	Loan
1-22-90		836134	0.0	3476.2	<i>4/30/90</i>	<i>107.7</i>	<i>3583.9</i>	<i>Reinstall original compressor</i>
5-7-90		820030F	107.7	3583.9	12-3-91	438.2	3914.4	Repair
1-14-92	Keystone	820030F	438.2	3914.4	<i>4/5/94</i>			<i>How Co. Loader</i>
	—	—	—	—	<i>5-24-94</i>	<i>883.7</i>	<i>4359.9</i>	<i>Rental</i>
<i>29-05-94</i>	<i>AIR ALMA INC</i>	<i>45017</i>	<i>883.7</i>	<i>4359.9</i>	<i>16-08-94</i>	<i>1078.3</i>	<i>4554.5</i>	<i>RENTAL</i>
<i>24-08-94</i>	<i>AIR ALMA INC</i>	<i>45017</i>	<i>1078.3</i>	<i>4554.5</i>	<i>2-11-94</i>	<i>1121.8</i>	<i>4598.0</i>	<i>RENTAL - LOADER RETURN</i>
<i>6-6-95</i>	<i>UNIVERSAL AIR</i>	<i>N60B1</i>	<i>1121.8</i>	<i>4598.0</i>	<i>8-15-95</i>	<i>1307.4</i>	<i>4783.6</i>	<i>LOADER RETURN</i>
1/11/96	Keystone	820030	1307.4	4783.6	9-17-96	1454.1	4930.3	Loan
<i>7-18-96</i>	<i>Keystone</i>	<i>CAE 840965</i>	<i>1454.1</i>	<i>4930.3</i>	<i>11-12-96</i>	<i>1518.3</i>	<i>4994.5</i>	<i>LOAN</i>
11/22/96		820030	1518.3	4994.5	4/17/98	1673.8	5150.0	Transfer