
COLUMBIA BASIN HELICOPTERS, INC.

60035 BLUE SKY DR.

LA GRANDE, OR 97850 USA

N171PL

A94-0047

**AIRFRAME LOGBOOK
AND
HARD CARDS**

ORIGINAL DOCUMENTS



PLEASE RETURN THE ORIGINAL TO THE ROTORCRAFT BINDER
COPY IN SERVICE POD
(541) 963-7388

K1200 AIRCRAFT INVENTORY LOG - A94-0047 (N171PL)

NOMENCLATURE	PART NUMBER	QTY	SERIAL	SIGNATURE	DATE
			NUMBER		
Communications and Navigation					
FM Radio	081252-1-10	1	FDB5284		
FM Antenna	DMC63-3/A	1	16787		
VHF Antenna	DM-C63-2	1	26613		
Attitude Indicator	504-0122-918	1	S00006		
ELT 406-1HM	453-5003-440	0		Customer delete	
Audio/IC Pnl	066-1055-71	1	169804		
GPS/WASS Antenna	013-00244-00	1	12855		
COM/NAV/GPS GTN-650	010-00813-50	1	1Z8020425		
Altitude Encoder	SSD120-30A	1	A72268		
VOR Antenna	DM-N48-1	2	32758/32759		
Transponder Antenna	071-00221-0010	1	20310		
Transponder	89000007-002001	1	01654		
Flux Valve Mag Azimuth Transmitter	71-1052-00	1	KMT0112-81970		
Special Items					
EGT Outside Gage	K983197-003	1	16055510		
Torque Outside Gage	K983183-003	1	16015369		
Load Link (Cal Code1395)	K983157-005	1	0080B		
Loudhailer PA Control PNL	AA22-110	1	062918		
Load Cell Signal Conditioner	K983185-003	1	05410		
Aircraft Model	K-1200	1	A94-0047		
Miscellaneous					
Aircraft Log Book		1			
Engine Log Book		1			
Flight Manual		1			

K1200 AIRCRAFT INVENTORY LOG - A94-0047 (N171PL)

NOMENCLATURE	PART NUMBER	QTY	SERIAL	SIGNATURE	DATE
			NUMBER		
Flight and Engine Instruments					
Temperature Transmitter	MS28038-2	1	14278		
Altimeter (barometric)	101735-111107	1	1001619		
Clock (electronic)	AT66-0100-5V-LTG	1	8987		
Magnetic Compass	PAI-700-5VR	1	86884		
External Load Indicator/Monitor	H1973-2	1	202		
Airspeed Indicator	20015-11417	1	W22841		
Vertical Speed Indicator (VSI)	35260-11112	1	368887		
Turn & Slip Indicator	70002-1144	1	709376		
Engine and Rotor Tachometer (dual)	K983126-003	1	132		
Engine Torquemeter/monitor	H1943-7W	1	188BE		
Engine Gas Generator (N1) Indicator	H1901-1	1	483K		
Exhaust Gas Temperature Indicator	H1900K-22W	1	1197		
Engine Oil Pressure/Temperature Indicator	K983133-005	1	145		
Transmission Oil Pressure/Temperature Indicator	K983133-007	1	134		
Fuel Quantity Indicator	K983188-005	1	17L244		
Fuel Pressure Indicator	K983158-003	1	708633		
Volt/Ammeter	K983135-003	1	709374		
Hobbs Meter (hour)	85000	1	N/A		
Caution and Advisory Panel	K983128-101	1	0079		
Master Warning Panel	K983173-001	1	0085		
Horizontal Situation Indicator	066-03046-07	1	K1525A-B100654		
Control HSI Slave	071-1242-06	1	KA518-43515		

K1200 AIRCRAFT INVENTORY LOG - A94-0047 (N171PL)

NOMENCLATURE	PART NUMBER	QTY	SERIAL	SIGNATURE	DATE
			NUMBER		
Azimuth Installation (consisting of)					
LH Azimuth Saddle and Spindle Assembly	K960004-003	1	0065A		
LH Azimuth Cyclic Assembly	K960005-003	1	0137A		
RH Azimuth Saddle and Spindle Assembly	K960004-001	1	0069A		
RH Azimuth Cyclic Assembly	K960005-004	1	0131A		
Transmission Installation (consisting of)					
Transmission Assembly	K974302-101	1	A18-59		
LH Rotor Shaft & Housing	K974004-107	1	A4-57M		
RH Rotor Shaft & Housing	K974004-109	1	A4-53M		
Clutch	K974315-001	1	0053C		
Oil Pump	K974120-109	1	0132B		
KaFlex Drive Shaft	K974180-003	1	0079		
Fan, Cooling	K977130-001	1	0063		
Blower Shaft	K974188-005	1	0089A		

K1200 AIRCRAFT INVENTORY LOG - A94-0047 (N171PL)

NOMENCLATURE	PART NUMBER	QTY	SERIAL NUMBER	SIGNATURE	DATE
Airframe Components					
Cargo Hook	K931280-009	1	0053A		
Power Plant					
Inlet Particle Separator	K976109-005	1	0044B		
Engine	T5317A-1	1	MT-12565PE		
Starter/Generator	23064-001	1	T1002		
Rotors and Controls					
LH Rotor (consisting of)					
LH Rotor Hub	K913001-003	1	0309B		
LH Rotor Blade - tracking	K911001-203	1	0499B	Spare 0503B	
LH Rotor Blade - non-tracking	K911001-201	1	0499A	Spare 0503A	
LH Rotor Blade Flap - tracking	K915101-003	1	0568A		
LH Rotor Blade Flap - non-tracking	K915101-003	1	0569A		
Tracking Actuator	K983160-003	1	0142		
RH Rotor (consisting of)					
RH Rotor Hub	K913001-004	1	0306B		
RH Rotor Blade - tracking	K911001-204	1	0504B		
RH Rotor Blade - non-tracking	K911001-202	1	0504A		
RH Rotor Blade Flap - tracking	K915101-004	1	0601A		
RH Rotor Blade Flap - non-tracking	K915101-004	1	0602A		
Tracking Actuator	K983160-003	1	0143		
Azimuth Cam Assembly	K960002-003	1	0093A		

1 Approving Civil Aviation Authority/Country FAA/UNITED STATES		2 AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3 Form Tracking Number LJ51316	
4 Organization Name and Address  LJ Walch Co., Inc. 6600 Preston Ave Livermore, CA 94551 USA Ph: (925)449-9252, Fax: (925)294-1780 ljwalch.com		5 Work Order, Contract or Invoice Number LJ51316			
6 Item		7 Description		8 Part Number	
1		STARTER GENERATOR		23064-001	
9 Quantity		10 Serial Number		11 Status/Work	
1 00		1209		Overhauled	
12 Remarks Above listed was Overhauled 2/19/2021 at L J Walch Co. Inc. by Employee ID# 472 Work was accomplished IAW 24-30-34, Revision 7, Revision Date 4/5/2015 All permanent records are on file at this facility. This unit is approved for return to service as of this date TT UNK TSO 00 00 ALL MANDATORY A D S AND S B S HAVE BEEN COMPLIED WITH OR PREVIOUSLY ACCOMPLISHED L J Walch Company certifies that the work specified in Blocks 11 and 12 was performed in accordance with EASA Part 145 approval and with respect to that work the aircraft component is considered ready for release to service under EASA approval number EASA 145 4637. Furthermore the work specified was performed with personnel who were part of a current drug and alcohol testing program as required by 14CFR120					
13a Certifies the items identified above were manufactured in conformity to ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12					
14a ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12 the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14 Code of Federal Regulations, part 43 and in respect to that work the items are approved for return to service					
13b Authorized Signature		13c Approval Authorization No		14b Authorized Signature	
				14c Approval/Certificate No NC3R705L	
14d Name (Typed or Printed)		14e Date (dd/mm/yyyy)			
L J Walch Co., Inc.		19/FEB/2021			
14f Responsibilities Authority to install the aircraft engine/propeller/article Authority different than the airworthiness authority of the country specified in Block 1 is Officer(s)/article(s) from the airworthiness authority of the country specified in Block 1 Records must contain an installation certification issued in accordance with the national					

NSN 0052-00-012-9005

SERVICEABLE

TSO

00:00

LJ51316

L. J. WALCH CO., INC.**FAA APPROVED REPAIR STATION NO. NC3R705L****6600 PRESTON AVE.****LIVERMORE, CA 94551**

Part Name Starter Generator

Model or Type 23064-001

Serial No. 1209

Type of COMPLETE OVERHAUL & TEST IN

Service ACCORDANCE WITH MFGS SPECS

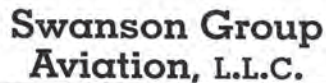
Date 10 FEB 2021 Mech. Jef #472

Inspected by

9

Component Log Card

[illegible]



Component Log Card

Serial No: 1209

[illegible]

Inspection Interval _____ Inspection Due _____ Replacement Interval _____ Replacement Due _____

[illegible]

Component Service Card

Part Number K983280 - 009

Nomenclature: CARGO HOOK ASSEMBLY

Serial No: 0053A

[illegible]

Inspection Interval 1200

Inspection Due _____

Component Service Card

[illegible]

Component Service Card

Part No: K934400 - 007

Nomenclature: TAIL BOOM ASSY

Serial No: T94-0048

Aircraft Serial #	Date Installed	Aircraft Time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94 - 0047	03 DEC 18	0.0	0.0	NEW				

Inspection Interval N/A Inspection Due N/A

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

Component Service Card

[illegible]

Component Service Card

Part No: K931361 - 007

Nomenclature: MAIN LANDING GEAR BOOM

Serial No: 0030A

[illegible]Replacement Interval 16,500

Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

[illegible][illegible]

Component Service Card

Part No: K941001 - 008

Nomenclature: MAIN LANDING GEAR CYLINDER - R/H

Serial No: 0021A

[illegible]Replacement Interval 12,500

Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

inspection interval _____ inspection due _____ replacement interval _____ replacement due _____

[illegible]

Component Service Card

Part No: K941001 - 007

Nomenclature: MAIN LANDING GEAR CYLINDER - L/H

Serial No 0021A

[illegible]

Replacement Interval 12,500

Replacement Due _____

Form number: Q.F. 4,1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

[illegible]

Component Service Card

Part No: K941001 - 007

Nomenclature: MAIN LANDING GEAR CYLINDER - L/H

Serial No 0021A

[illegible]Replacement Interval N/A

Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF

KAMAN

170-200-210

[illegible]

Component Service Card

Part No: K941100 - 007

Nomenclature: NOSE LANDING GEAR

Serial No 0014A

[illegible]

Replacement Interval 12,500

Replacement Due

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

Component Service Card

[illegible]

Component Service Card

Part No: K922300 - 105

Nomenclature: HORIZONTAL STABILIZER ASSY - R/H

Serial No: 0169A

Aircraft Serial #	Date Installed	Aircraft Time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94 - 0047	03 DEC 18	0.0	0.0	NEW				

Replacement Interval 5,500

Replacement Due _____

LE-015-27

[illegible]

Component Service Card

Part No: K922300 - 103

Nomenclature: HORIZONTAL STABILIZER ASSY - L/H

Serial No: 0170A

[illegible]Replacement Interval 5,500

Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF

KAMAN

[illegible][illegible]

AZIMUTH SADDLE & SPINDLE ASSEMBLY SERVICE CARD - L/H

PART NUMBER K960004 - 003	SERIAL NUMBER: 0065A
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AZIMUTH SADDLE & SPINDLE INSTALLATION / REMOVAL DATA

AIRCRAFT SERIAL #	DATE INSTALLED	AIRCRAFT TIME INSTALLED	HOURS		DATE REMOVED	AIRCRAFT TIME REMOVED	HOURS	
			TSN	TSO			TSN	TSO
A94 - 0047	12 NOV 18	0.0	0.0	NEW				

AZIMUTH SADDLE & SPINDLE COMPONENT DATA

NOMENCLATURE	PART NUMBER	SERIAL NUMBER	COMP TSN	COMP TSO	AZIMUTH TIME INSTALLED	REPLACEMENT INTERVAL
AZIMUTH THRUST BRG	K960003 - 011	0484C	0.0	NEW	0.0	3,542

Overhaul Interval 2,750 Overhaul Due _____ Replacement Interval 3,542 Replacement Due _____

[illegible]

AZIMUTH SADDLE & SPINDLE ASSEMBLY SERVICE CARD - R/H

PART NUMBER

K960004 - 001

SERIAL NUMBER:

0069A

AZIMUTH SADDLE & SPINDLE INSTALLATION / REMOVAL DATA

AIRCRAFT SERIAL #	DATE INSTALLED	AIRCRAFT TIME INSTALLED	HOURS		DATE REMOVED	AIRCRAFT TIME REMOVED	HOURS	
			TSN	TSO			TSN	TSO
A94 - 0047	12 NOV 18	0.0	0.0	NEW				

AZIMUTH SADDLE & SPINDLE COMPONENT DATA

NOMENCLATURE	PART NUMBER	SERIAL NUMBER	COMP TSN	COMP TSO	AZIMUTH TIME INSTALLED	REPLACEMENT INTERVAL
AZIMUTH THRUST BRG	K960003 - 011	0494C	0.0	NEW	0.0	3,542

Overhaul Replacement Interval 2,750 Overhaul Due _____ Replacement Interval 3,542 Replacement Due _____

Form number: Q.F. 4.1.525 (REV 05/17)

CARD ____ OF ____

KAMAN

Component Service Card

Part No: K974180 - 003 Nomenclature: INPUT DRIVE SHAFT ASSY Serial No: 0079

Aircraft Serial #	Date Installed	Aircraft time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94 - 0047	26 NOV 18	0.0	0.0	NEW				

Overhaul Interval 3,850 Overhaul Due _____



HQ HELIQWEST

Scheduled Time Limit

[illegible][illegible]

Refer to applicable regulatory agency deliveries and Section 4 of the Maintenance Manual for RIN Accumulation Instructions (Model 204 refer to Section 1)

[illegible]

Part No: K974315 - 001

Serial No: 0053C

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due 2,528.2 CTSN
Overhaul Interval 1,320 Overhaul Due 2,528.2 CTSN

[illegible]

TRANSMISSION ASSEMBLY SERVICE CARD

PART NUMBER:

K974302 - 001

SERIAL NUMBER:

A18 - 59

TRANSMISSION INSTALLATION / REMOVAL DATA

AIRCRAFT SERIAL #	DATE INSTALLED	AIRCRAFT TIME INSTALLED	HOURS		DATE REMOVED	AIRCRAFT TIME REMOVED	HOURS	
			TSN	TSO			TSN	TSO
A94 - 0047	26 NOV 18	0.0	0.0	NEW	12 DEC 24	1238.2	1238.2	NEW
A94 - 0047	23 May 2025	1239.3	1238.2	NEW				

NOMENCLATURE	PART NUMBER	SERIAL NUMBER	COMP TSN	TRANS TIME INSTALLED	REPLACEMENT INTERVAL
PINION ASSY	K974015 - 003	0033C	0.0	0.0	10,000
PINION ASSY	K974016 - 011	0036D	0.0	0.0	10,000
CARRIER, PLANET GEAR	K974024 - 013	0077C	0.0	0.0	10,000
CARRIER, PLANET GEAR	K974024 - 013	0057C	0.0	0.0	10,000
ENDCASE HOUSING ASSY	K974208 - 005	0014E	0.0	0.0	10,000
ENDCASE HOUSING ASSY	K974208 - 007	0012E	0.0	0.0	10,000

Inspection Interval N/A Inspection Due N/A Replacement Interval 3,750 Replacement Due _____
Overhaul Interval 3,750 Overhaul Due _____



[illegible]

ROTOR SHAFT & HOUSING ASSEMBLY SERVICE CARD - RH			
PART NUMBER	K974004 - 203	SERIAL NUMBER:	A4-53M

K974004 - 203

SERIAL NUMBER:

A4-53M

ROTOR SHAFT & HOUSING INSTALLATION / REMOVAL DATA

[illegible]

ROTOR SHAFT & HOUSING COMPONENT DATA

NOMENCLATURE	PART NUMBER	SERIAL NUMBER	COMP TSN	R / S TIME INSTALLED	REPLACEMENT INTERVAL
ROTOR SHAFT	K974212 - 101	0149D	0.0	0.0	3775 *
SUPPORT & BRG RETAINER	K974101 - 002	0016C	0.0	0.0	10,000
HOUSING, RTR TWR BRG	K974177 - 008	0027C	0.0	0.0	10,000
BRG, RTR SHAFT PYLON	K974377 - 005	0324C	0.0	0.0	4,000

Assembly Overhaul Interval 3,750 Overhaul Due _____ Replacement Interval 3,750 Replacement Due _____

Form number: Q.F. 4.1.525 (REV 05/17)

CARD 1 OF 1

KAMAN



Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF 1

Rotor Shaft & Housing Assembly Service Card

[illegible]

[illegible]

Assembly Overhaul Interval 3,750 Overhaul Due _____ Replacement Interval 3,750 Replacement Due _____

[illegible]

Component Service Card

Part No: K913005 - 009

Nomenclature: TEETER PIN SLIDING BEARING

Serial No: 1277C

Aircraft Serial #	Date Installed	Aircraft Time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94-0047	9/12/2024	1160.1	0.0	NEW				

Inspection Interval N/A Inspection Due N/A Replacement Interval 600 Replacement Due _____
 Overhaul Interval N/A Overhaul Due N/A

KAMAN
Aerospace

Form number: Q.F. 4.1.526 (REV 09/19)

CARD 1 OF 1

AIR VERIL

[illegible]

Component Service Card

Part No: K913005 - 009

Nomenclature: TEETER PIN SLIDING BEARING

Serial No: 1276C

[illegible]

Inspection Interval N/A Inspection Due N/A Replacement Interval 600 Replacement Due _____
 Overhaul Interval N/A Overhaul Due N/A

Form number: Q.F. 4.1.526 (REV 09/19)

CARD 1 OF 1

KAMAN
Aerospace

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF

 AIR VEHICLES
BY KAMAN

HARU CH

[illegible]

Part No: K913005 - 009

Nomenclature: TEETER PIN SLIDING BEARING

Serial No: 1273C

Inspection Interval N/A Inspection Due N/A Replacement Interval 600 Replacement Due _____
 Overhaul Interval N/A Overhaul Due N/A

Form number: Q.F. 4.1.526 (REV 09/19)

CARD 1 OF 1

KAMAN
Aerospace

AIR VEHICLES

[illegible]

Serial No: 1267C

Inspection Interval N/A Inspection Due N/A Replacement Interval 600 Replacement Due _____
 Overhaul Interval N/A Overhaul Due N/A

CARD 1 OF 1



AIR VEHICLES
BY KAMAN

CARD 1 OF

Component Service Card

[illegible]

Component Service Card

Part No: K910105 - 013

Nomenclature: TEETER PIN (MOD STEPPED)

Serial No: 0004A

Aircraft Serial #	Date Installed	Aircraft Time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94-0047	12 NOV 18	0.0	0.0	NEW				

Inspection Interval 600 Inspection Due N/A Replacement Interval 3750 Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/98)

CARD 1 OF 1

KAMAN

KAMAN
BY KAMAN

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF _____

[illegible][illegible]

Part No: K910105 - 013

Nomenclature: TEETER PIN (MOD STEPPED)

Serial No: 0003A

Inspection Interval 600 Inspection Due N/A Replacement Interval 3750 Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/98)

CARD 1 OF 1

KAMAN

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF 1

AIR VEHICLES

Component Service Card

[illegible]

Component Service Card

Part No: K913001 - 004

Nomenclature: ROTOR HUB ASSY R/H

Serial No: 0306B

Aircraft Serial #	Date Installed	Aircraft Time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94 - 0047	12 NOV 18	0.0	0.0	NEW				

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,569 Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF _____

AIR VEHICLES
BY KAMAN

Component Service Card

[illegible]

Component Service Card

Part No: K913001 - 003

Nomenclature: ROTOR HUB ASSY L/H

Serial No: 0309B

Aircraft Serial #	Date Installed	Aircraft Time Installed	Component Hours		Date Removed	Aircraft Time Removed	Component Hours	
			TSN	TSO			TSN	TSO
A94 - 0047	12 NOV 18	0.0	0.0	NEW				

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,569 Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

HANDWRITING

[illegible]

Lw

Serial No: 0685C

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due _____
 Overhaul Interval N/A Overhaul Due N/A

CARD 1 OF

KAMAN
Aerospace

CARD 1 OF 1

AIR VEHICLES
BY KAMAN

CARDS

[illegible]

LR

Serial No: 0684C

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due _____
 Overhaul Interval N/A Overhaul Due N/A

CARD 1 OF

KAMAN
Aerospace

CARD 1 OF

 AIR VEHICLES
BY KAMAN

HARD CARDS

[illegible]

RW

Serial No: 0683C

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due _____
Overhaul Interval N/A Overhaul Due N/A

CARD 1 OF

KAMAN
Aerospace

CARD 1 OF

AIR VEHICLES

[illegible]

Component Service Card

Part No: K913006 - 005

Nomenclature: LAG PIN SLIDING BEARING ASSY

Serial No: RR 0682C

[illegible]

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due _____
Overhaul Interval N/A Overhaul Due N/A

Form number: Q.F. 4.1.526 (REV 09/19)

CARD 1 OF

KAMAN
Aerospace

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF

**✶ AIR VENTILATION
BY KAMAN**

Component Service Card

Part No: K910006 -103

Nomenclature: LAG PIN

Serial No: 0653C

[illegible]

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due _____
Overhaul Interval N/A Overhaul Due N/A  **EXTEND YOUR RENTAL**

Form number: Q.F. 4.1.526 (REV 09/19)

CARD 1 OF

EXTEND YOUR REACH.
KAMAN
AEROSPACE

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF 1

AIR VENTILATION
BY KAMAN

Component Service Card

Part No: K910006 -103

Nomenclature: LAG PIN

Serial No: 0652C

[illegible]

Inspection Interval N/A Inspection Due N/A Replacement Interval 1,320 Replacement Due _____
Overhaul Interval N/A Overhaul Due N/A

Form number: Q.F. 4.1.526 (REV 09/19)

CARD 1 OF



Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF 1



Component Service Card

Part No: K910006 -103

Nomenclature: LAG PIN

Serial No: 0387C

[illegible]

Replacement Interval 1,320

Replacement Due _____

Form number: Q.F. 4.1.526 (REV 05/17)

CARD 1 OF 1

KAMAN

Form number: Q.F. 4.1.525 (REV 09/19)

CARD 1 OF

AIR VEHICLES
BY KAMAN

Rw

Serial No: 0344C

Replacement Due _____
KAMAN

CARD 1 OF 1

CARD 1 OF 1

BY KAMAN

[illegible]

Replacement Interval 8,000 Replacement Due _____
2000 HR Due _____

Form number: Q.F. 4.1.525 (REV 05/17)

CARD 1 OF

KAMAN

[illegible]

[illegible][illegible]

ROTOR BLADE SET ASSEMBLY SERVICE CARD			
PART NUMBER:	K911001 - 110 (202 & 204)	SERIAL NUMBER:	0506A & 0506B
		FLAPS:	A - 0599A & B - 0600A

FLAPS: A - 0599A & B - 0600A

[illegible]

NOMENCLATURE	PART NUMBER	SERIAL NUMBER	COMP TSN @ INST	BLADE TSN @ INST	REPLACEMENT INTERVAL
BLADE GRIP - A	K911445	0270B	0.0	0.0	4409
BLADE GRIP - B	K911445	0283B	0.0	0.0	4409
SPAR BONDMENT	K911004	0506A & 0506B	0.0	0.0	8,000

BLADE ASSY INSP Interval 3000 / 1000 3000 HR Due _____ 1000 HR Due _____

KAMAN

CARD 1 OF 1

RAIN VENTURES
BY KAMAN

Component Inventory Record

Aircraft Serial No. A94-0047

Nomenclature	Part No	Serial No	Component		Aircraft		Aircraft	
			TSN	TSO	Date Installed	Time Installed	Date Removed	Time Removed
TRANSMISSION ASSY	K974302-001	A18-59	0.0	NEW	26 NOV 18	0.0		
CLUTCH ASSY	K974315-001	0053C	0.0	NEW	12 NOV 18	0.0		
ROTOR SHAFT & HOUSING ASSY - L/H	K974004-107	A4-57M	0.0	NEW	12 NOV 18	0.0		
ROTOR SHAFT & HOUSING ASSY - R/H	K974004-109	A4-53M	0.0	NEW	12 NOV 18	0.0		
INPUT DRIVE SHAFT ASSY	K974180-003	0079	0.0	NEW	26 NOV 18	0.0		
OIL PUMP ASSY	K974120-109	0132B	0.0	NEW	12 NOV 18	0.0		
AZIMUTH SADDLE & SPINDLE - R/H	K960004-001	0069A	0.0	NEW	12 NOV 18	0.0		
AZIMUTH SADDLE & SPINDLE - L/H	K960004-003	0065A	0.0	NEW	12 NOV 18	0.0		
STARTER GENERATOR	23064-001	T1002	0.0	NEW	12 NOV 18	0.0		
HORIZONTAL STABILIZER ASSY - L/H	K922300-103	0170A	0.0	NEW	03 DEC 18	0.0		
HORIZONTAL STABILIZER ASSY - R/H	K922300-105	0169A	0.0	NEW	03 DEC 18	0.0		
NOSE LANDING GEAR	K941100-007	0014A	0.0	NEW	12 OCT 18	0.0		
MAIN LANDING GEAR - L/H	K941001-007	0021A	0.0	NEW	12 OCT 18	0.0		
MAIN LANDING GEAR - R/H	K941001-008	0021A	0.0	NEW	12 OCT 18	0.0		
MAIN LANDING GEAR BOOM	K931361-007	0030A	0.0	NEW	12 OCT 18	0.0		
TAIL BOOM ASSY	K934400-003	T94-0048	0.0	NEW	03 DEC 18	0.0		
CARGO HOOK	K931280-009	0053A	0.0	NEW	24 OCT 18	0.0		

Component Inventory Record

Aircraft Serial No.

A94-0047

Nomenclature	Part No	Serial No	Component		Aircraft		Aircraft	
			TSN	TSO	Date Installed	Time Installed	Date Removed	Time Removed
ROTOR BLADE SET	K911001-109	0499A/B	0.0	NEW	07 DEC 18	0.0		
ROTOR BLADE SET	K911001-110	0504A/B	0.0	NEW	07 DEC 18	0.0		
LAG PIN ASSY	K910006-103	0303C	0.0	NEW	07 DEC 18	0.0		
LAG PIN ASSY	K910006-103	0304C	0.0	NEW	07 DEC 18	0.0		
LAG PIN ASSY	K910006-103	0305C	0.0	NEW	07 DEC 18	0.0		
LAG PIN ASSY	K910006-103	0306C	0.0	NEW	07 DEC 18	0.0		
LAG PIN SLIDING BRG ASSY	K913006-005	0276C	0.0	NEW	07 DEC 18	0.0		
LAG PIN SLIDING BRG ASSY	K913006-005	0277C	0.0	NEW	07 DEC 18	0.0		
LAG PIN SLIDING BRG ASSY	K913006-005	0278C	0.0	NEW	07 DEC 18	0.0		
LAG PIN SLIDING BRG ASSY	K913006-005	0279C	0.0	NEW	07 DEC 18	0.0		
ROTOR HUB ASSY – L/H	K913001-003	0309B	0.0	NEW	12 NOV 18	0.0		
ROTOR HUB ASSY – R/H	K913001-004	0306B	0.0	NEW	12 NOV 18	0.0		
TEETER PIN ASSY	K910105-011	0004A	0.0	NEW	12 NOV 18	0.0		
TEETER PIN ASSY	K910105-011	0003A	0.0	NEW	12 NOV 18	0.0		
TEETER PIN SLIDING BRG ASSY	K913005-009	0671C	0.0	NEW	12 NOV 18	0.0		
TEETER PIN SLIDING BRG ASSY	K913005-009	0672C	0.0	NEW	12 NOV 18	0.0		
TEETER PIN SLIDING BRG ASSY	K913005-009	0673C	0.0	NEW	12 NOV 18	0.0		
TEETER PIN SLIDING BRG ASSY	K913005-009	0674C	0.0	NEW	12 NOV 18	0.0		

Aircraft Maintenance Log

Date	Maintenance Work	Verified by
12-4/21	Inspected EIT Beacon ID ADCC4-07760-00309 In Accordance with FAR 91.207. No defects Noted at this time with respect to work performed Ben KUCY A-P 3527089	ACTT G96.7

21NOV2022 - N171PL - Hobbs: 865.1 - I certify that the aircraft has been inspected as required by FAR 91.411 and found to comply with FAR 43 Appendix E. The altimeter was inspected to 20,000 feet. The transponder was inspected in accordance with FAR 91.413 and found to conform to FAR 43 Appendix F.
Job No: 14070 - INTER AVIONICS INC - IVDR539Y
Brian Royal - 3735733 *B.R.*

ALTIMETER TEST DATA - 20,000 FEET								Inter Avionics Inc. 4110 N. Stearns Ave. Pasco, WA 99301 FAA CRS IVDR539Y		
ALTITUDE	SCALE ERROR	TOL. #	FRICTION	TOL. #	HYSTERESIS ERROR/LEFF	TOL. #		Date	Work Order	A/C Registration
-1,000	-15	20						21NOV2022	14070	N171PL
0	-10	20			0	30				
500	-20	20								
1,000	-10	20	50	70						
1,500	-10	25								
2,000	0	30	30	70				28 10	-1727	+15
3,000	-5	30	50	70				28 50	-1340	+20
4,000	-10	35						29 00	-863	-5
5,000	-30	40						29 50	-392	+20
6,000	-35	60			+15	75		29 92	0	-15
8,000	-25	80	50	80	+10	75		30 50	+531	+10
10,000	-60	90						30 90	+893	+5
12,000	-40	100						30 99	+974	-10
14,000	-35	110								
16,000	-50	120								
18,000	-60	130	75	100						
20,000										
Case Leak @ 18,000 Feet Unknown - Tested in Situ								Model No. Unk		
								Part No. Unk		
								Serial No. Unk		
								Technician		

Hobbs 865.1

B.R.

SERVICE
LETTERS

AIRWORTHINESS
DIRECTIVES

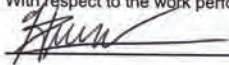
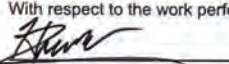
MISCELLANEOUS
HISTORY

COMPONENT
INVENTORY

SERVICE
BULLETINS

Aircraft Maintenance Log

Aircraft Serial No. A94 - 0047

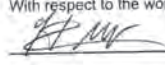
Date	Maintenance Work	Verified by
	Columbia Basin Helicopter 60035 Blue Sky Drive La Grande Oregon 97850 N171PL Model: K1200 S/N:A94-0047 Date: 11/5/2021 Hobbs:669.8 1. Modified Aircraft by incorporation of Kawak Aviation Technologies STC # SR01561SE AUX HYD SYS. 2. Install was found not to interfere with other installed systems and/or not exceed 80% of generator output. 3. Updated Aircraft weight and balance and installed flight supplement into aircraft. 4. Performed operation and leak check, no defects noted. 5. Installation done in accordance with Kawak Aviation Model 36300 AUX HYD SYS installation manual #KATI-IM-632 rev A dated 08/10/2005. 6. Installed overhauled fuel manifolds and start fuel nozzles, see hard card for overhaul details. 7. Replaced right upper and lower igniters with new. 8. Performed operational and leak check, no defects noted. With respect to the work performed, this Aircraft is approved for return to service.  A&P 3404794 IA	
	Columbia Basin Helicopter 60035 Blue Sky Drive La Grande Oregon 97850 N171PL Model: K-1200 S/N:A94-0047 Date: 01/10/2022 Hobbs:696.7 ACTT: 696.7 1. Removed Engine Serial Number MT-12565PE from Aircraft N171PL with following numbers: LCF1= 1418, LCF2=557.0 LCF3=389.1 2. Installed Engine Serial Number MT-12272PE, with following LCF: LCF1= 1348, LCF2=495.5 LCF3=487.2 3. see form 8130 # CT-1266 dated 15 June 2021 for Repairs. 4. Performed engine Vibration check, see test chart dated 5. Performed operational and leak checks, no defects noted. 6. All work performed in accordance with Kaman Model K-1200 K-Max Maintenance and service Manual Rev 39 dated Oct 2017 With respect to the work performed, this Airframe is approved for return to service.  A&P 3404794 IA	

KAMAN

[illegible]

Aircraft Maintenance Log

Aircraft Serial No A94-0047

Date	Maintenance Work	Verified by
12 OCT 2020	TTAF: 305.1 REMOVED MAIN FUEL MANIFOLDS PN 1-130-720-02 SN BL239B & B&175B T.S.O., REMOVED START NOZZLE'S PN 1-300-405-01 SN'S 16-169016-65636, 16-169016-65632, 16-169016-65630, 16-169016-65640 T.S.O., INSTALLED O/H MANIFOLDS FROM OLARK AMBROWORKS PO#F1444 PN 1-130-730-02 SN'S 9A550B, 9C116B TSO-B-HRS, START NOZZLE'S PN 1-300-405-01 SN'S 070416809599, 080416800069, 13-169016-67211, 13-169016-63770, GASKETS 1-160-362-04 (x4), 1-130-236-09 (x4), SEAL PN 1-300-151-02 (x22). ALL WORK DONE AS PER HONEYWELL T53 SERIES M.M. CH 73-10-01 THRU 73-10-09 & KAM 1200 M.M. GROUND RUN & LEAK CHECK REQ FOR ABOVE MTCK.	
12 OCT 2020	GROUND RUN & LEAK CHECK C/W. NO DEFECTS NOTED.	117 AP54717 8661. 117 AP54717 8661
Columbia Basin Helicopter 60035 Blue Sky Drive La Grande Oregon 97850 N171PL Model: K1200 S/N:A94-0047 Date: 10/13/2021 Hobbs:669.8 1. Installed new center idler bearing on left hand red blade. 2. Installed new N2 tach generator drive seal. 3. All work performed in accordance with Kaman Model K-1200 K-Max Maintenance and service Manual Rev 39 dated Oct 2017 and Honeywell T53 maintenance Manual dated Nov 30/07 With respect to the work performed, this Aircraft is approved for return to service.  A&P 3404794 IA		

Form number: Q.F. 4.1.530 (REV 05/17)

CARD ___ OF ___

KAMAN

Aircraft Maintenance Log

[illegible]

SERVICE

AIR WORK THINGS DIRECTIVES

HISTORY

INVENTORY

SERVICE
BULLETINS

Aircraft Maintenance Log

Aircraft Serial No A94-0047

Date	Maintenance Work	Verified by
OCT 9 2020	TTAF: 299.8 C/W Zone 4 INSP IAW KMM 1200 M.M. CH 05-20-11. NO DEFECTS NOTED. NEXT ZONE (#1) DUE @ TTAF 325.0 HRS.	117 APS4317 8061.
OCT 10 2020	TTAF: 299.8 C/W 300 HR INSP IAW KMM 1200 MM CH 05-20-04. NO DEFECTS NOTED. NEXT 300 HR INSP DUE @ TTAF: 600.0 HRS.	117 APS4317866.
OCT 10 2020	TTAF: 299.8 C/W START/GEN SPRING INSP LUBE & DRUSH INS P AS PER SAFRAN 23700 MM & Honeywell T-57 SERIES M.M. BRUSH LIFE @ APPROX 50% LIFE REMAINING. NO DEFECTS NOTED. NEXT INSP DUE @ TTAF 600.0 HRS.	117 APS4317866.
OCT 10 2020	TTAF: 299.8 PERFORMED COMPRESSOR WASH PER HONEYWELL T-57 SERIES M.M. GROUND RUN & LEAK CHECK C/W. NO DEFECTS NOTED.	117 APS4317866.

Aircraft Maintenance Log

Aircraft Serial No A94 - 0047[illegible]

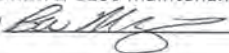
Aircraft Serial No. A94 - 0047Form number: Q.F. 4.1.530 (REV 01/14)

Aircraft Maintenance Log

Date	Maintenance Work	Verified by
04/17/2019.	N171PL Hobbs:6.6 AC SN: A94-0047 Installed Precise Flight Pulse light model: 3060-S system P/N: 025P0001 Per STC# SH3319NM and installation Kit# 3060 an electrical load analysis was performed and the revised continuous load of the aircraft electrical bus does not exceed 80% of capacity. Installed latitude S-100 Skynode tracking system I/A/W S-100 quick start guide and latitude Installation Instructions. Satellite and data service activation form sent in activated and tested. Installed Emergency Beacon Corp. ELT Model: EBC-406AP SN:405050 Battery Date: May 2019 operational test done 04/17/2019 ops check good all work done I/A/W Emergency Beacon Corp Installation instructions. The aircraft equipment list was revised. Weight and Balance data revised and placed in aircraft records. Ground run and test flight good Aircraft approved for return to service. Ben McCarty A&P 3527089 IA Signed: <u>Ben McCarty</u> Date: <u>04/17/2019</u>	
06/01/2019.	N171PL Hobbs: 9.4 AC SN: A94-0047 Replaced Emergency Beacon ELT Battery Pack PN: GS-46 with new Like battery new Replacement date is July 2024. Ben McCarty A+P 3527089 IA <u>Ben McCarty</u>	
7/18/2019	N171PL Hobbs: 10.5 AC SN: A94-0047 Complied with lag pin retorque all nuts checked to 400 FT LB. All nuts moved so next retorque due at hobbs: 12.00-13.5. All work done I/A/W KMM 62-10-00. Aircraft approved for return to service. Ben McCarty A+P 3527089 <u>Ben McCarty</u>	

Aircraft Maintenance Log

Aircraft Serial No. A94 - 0047

Date	Maintenance Work	Verified by
01/04/2019.	N171PL. Hobbs: 6.0. ACTT:6.0. AC SN: A94-0047 Removed Blade and flap assy. S/N:0503A, 0503B, 0504A, 0504B. Removed Horizontal Stabilizer Assy LH and RH SN: 0170A, 0169A. Removed Nose landing gear SN:0014A and installed nose transport gear. Removed main landing gear boom SN:0030A and installed transport gear. Aircraft then shrink wrapped by kamen and sent to Baker City. All work was done I/A/W KMM K-1200 maintenance manual.	
	Ben McCarty  A+P 3527089 IA	
03/11/2019.	N171PL. Hobbs: 6.0. ACTT:6.0 AC SN: A94-0047 Installed Balde and Flap Assy SN: 0503A, 0503B, 0504A, 0504B. Installed horizontal stabilizer assy LH and RH SN:0170A,0169A. Installed nose landing gear SN: 0014A. Installed Main Landing Gear Boom SN: 0030A. All work done I/A/W KMM K-1200 Maintenance manual Aircraft ran up, leak checked, and test flight good. Aircraft Approved for return to service.	
	Ben McCarty  A+P 3527089 IA	

Aircraft Flight Log

AIRCRAFT MODEL: K-1200				AIRCRAFT SERIAL NO: A94 - 0047			
Date	Number of Flights/Landings	Flight Time Hours/Tenths	Aircraft Total Time	Date	Number of Flights/Landings	Flight Time Hours/Tenths	Aircraft Total Time
I have inspected this Aircraft & find that it meets the Requirements of FAR 21.197 (a)(3) and have issued A Special flight permit (Production Flight Testing) Airworthiness certificate dated 12 DEC 2018			0.0				
Signed <u>Wayne Keith</u> 12 DEC 2018							
Wayne Keith DAR 084522047							
Effective this date 18 DEC 2018 Production Flight Testing has been completed and found to be acceptable IAW KPP 6409 Rev 3 K-1200 Production Flight Acceptance Test Procedure							
Signed <u>Bill Hart</u>							
Bill Hart Test Pilot ATP 2724852							
18 DEC 2018	9	13	3.4				
INFO: FAA acceptance check flight flown and found to be acceptable on 19 DEC 2018 REF signed KPP 6409							
19 DEC 2018	2	12	2.0				
I find that this Aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 19 DEC 2018							
Signed <u>Wayne Keith</u>							
Wayne Keith DAR 084522047							

Minutes = Tenths

Form number: Q.F. 4.1.528 (REV 05-17)

0 - 6 = .1

7 - 12 = .2

13 - 18 = .3

19 - 24 = .4

25 - 30 = .5

31 - 36 = .6

37 - 42 = .7

43 - 48 = .8

49 - 54 = .9

55 - 60 = 1.0

KAMAN

Aircraft Data

K-MAXTM

LOG BOOK

Aircraft Model K-1200 PAINT
Registration No. N171PL Type:
Kaman Serial No. A94 - 0047 Manufacturer:
Date of Manufacture JANUARY 2019 Color & Code No.

COLUMBIA BASIN HELICOPTERS, INC.

60035 BLUE SKY DR.

LA GRANDE, OR 97850 USA

N171PL

A94-0047

**AIRFRAME LOGBOOK
AND
HARD CARDS**

ORIGINAL DOCUMENTS



PLEASE RETURN THE ORIGINAL TO THE ROTORCRAFT BINDER
COPY IN SERVICE POD
(541) 963-7388