

PART NO.

76150-09100-053

NOMENCLATURE

MAIN ROTOR BLADE

SERIAL NO.

A086-02356

YELLOW

				COMPON	ENT TIME			
AIRCRAFT NO.	DATE INSTALLED	DATE REMOVED	AIRCRAFT TIME	T.S.O.	т.т.	REASON FOR REMOVAL		
760477	25Nov1997	1	NEW	NEW	NEW			
760477		4-14-00	1659.5		1659.5	Retzir SKIN Comade, ST2. 48 UPTER		
760477	4-14-00		1659.5		1659.5	SKIN		
15								
		L						

OVERHAUL INTERVAL	
RETIREMENT TIME	



RECEIVED JUN 1 2 2000

DATE	REPAIRS OR OVERHAULS	SIGNATURE	CERTIFICATE NO.
	Manufacture Date of Main Rotor Blade: 9-18-97 Manufacture Date of Tip Cap: 9-26-97		
	Balance Weights Installed Forward P/N: 76150-09025-103, Qty. (1)		
19Sept1997	76150-09025-104, Oty. (1) 76150-09025-108, Oty. (1) Aft P/N: 76150-09025-104, Oty. (2) 76150-09025-108, Oty. (1)	Natalie Wellmaker	SIKORSKY AIRCRAF: QUALITY ASSURANCE
19Sept1997	Blade Painted Hi-Visability per Color Scheme 02.	Datalie Wellmaker	SIKORSKY AJRCRAFT QUALITY ASSURANCE
	4-17-00 Inspected; Repaired skin damage per S-76 Composite Materials Manual SA 4047-76-5 procedure 3.	Show mhllow CTI	RW1R467K
10-10-11	1D2000-11-52 N/Aby blade SN, P/C Verified by H. Ammons AP3138193. on 1-24-07.	Diff	A683042957
10-10-11	1-10-03, blades hove no known lightenin strikes.	Off	Al83012957
2-15-12	AD81-09-07 N/A by blade P/N		A6P 3042957
6/16/18	SSI-76-108 + ASB-76-65-70, BLADE HAS NOT BEEN OH, STRIPPED + REBULT OF REPAIRED PER OFT 76150-011 SECI		
	NO FURTHER ACTION REQUILED, TL-400363-2018 (CE)	Thomas L. Ludy is 8-21-2018	4:03704417
12 1 18 13 (CD)	Inspected Man Rotor Blade IAW ASB-76-65-71 Section 3.C and determined to be in airworthy condition. TL-414264-2018	Thomas L. Ludy 5 3-26-204	A603204412
# (C)	PHICE.	Thomas F. Lendry I 3-26-2019	A द म उर्रे ५५५ (चि

1:Approving C		^{2.} AU	THORIZE	D RELEA	SE CERTIFICAT	3. Form Tracking Number:				
FAA / UNITED FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG						1401714 N 15460				
4. Organization Composite T	Name and Add	5. Work Order/Contract/Invoice Number: 13900								
6. Item:	7. Description			9. Quantity:	10. Serial Number:	11. Status/Work:				
1	Tip Cap A	Assembly	76150-09143-041	1	B358-01326	REPAIRED				
considered red 13a. Certifies t	Composite Technology, Inc., certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number 145.4345. Full Details on W.O. 1401714 [3a. Certifies the items identified above were manufactured in conformity to: Approved design data and are in condition for safe operation. Non-approved design data specified in Block 12. Non-approved design data specified in Block 12. Regulations, part 43 and in respect to that work, the items are approved for return to service.									
13b. Authorized	d Signature:		13c. Approval/Authorizati	ion No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: RW1R467K				
13d. Name (Ty	ped or Printed):		13e. Date (dd/mmm/yyyy)		14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):				
					Alexander Weiss	14-Oct-2014				
				User/Installer	Responsibilities	•				
Where the user essential that th Statements in B	/installer perfor le user/installer Blocks 13a and 1	rms work in ac ensures that h 4a do not cons	cordance with the national is/her airworthiness accept titute installation certificat	regulations of an airwort ts parts/components/assen tion. In all cases, aircraft	ablies from the airworthiness authority of th	iness authority of the country specified in Block 1. it is				
national regula	tions by the use	r/installer befo	re the aircraft may be flow	vn.						

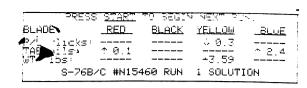
NSN: 0052-00-012-9005

Composite Technology, Inc.

1727 South Main Street
DFW Airport 75261
FAA Repair Station RW1R467K
www.rotorblades.com

SERVICEABLE Article Data Etten Mobile Customer: 1401714 Work Order: 76150-09143.041 Part No. B358-01326 Serial No. on Condition Time Since New **Component Data** Part No. Serial No. Time Since New **Reason For Removal** DaleCT 1 5 2014 Stamp

FM-QA-05 (02)



MAKE ALL CHANGES!

1 means make blade fly higher with pitch link or tab. (Up tab makes blade fly higher.)

All changes made from present settings,

NOT from zero!

Sikorsky S-76B/C M/R. Smart. w/ Track Smart Chart #12586-4 Revision Date: 22 Apr 96

Tail Number: N15462

Run Number: Data Acquired: 15:50:24 | 21 JAN 2018 314 RPM Frequency:

107% Ground Roll: 0.335 IPS @ 4:09 0.069 IPS @ 3:00 Hover Roll: 145 KIAS Roll: 0.094 IPS @ 1:39 145 KIAS Vertical: 0.130 IPS @ 9:27

Ourrent solution options: | Use Prin YES | Tab: YES | Welent: YES

lterations: 2 Griuno Roal: 2.134 IPS Fluant Woal: 2.252 IPS

Current weight (lbs) and tab

(mils) settings for each blade: BLADE RED BLACK

YELLOW BLUE TAB:

+ 0.0 + 0.0 +0.00 +0.00 + 0.0 + 0.0 WEIGHT: +0.00 +0.00

4-0 SLADE +Y-+9-+K-+8-. Track Measurements (MILLIMETERS):

-<u>1</u>2 +7 GND ے ب +6 -0V -10 -4

145 -3 +13 -13

Leac(+)/Lag(+) in MILLIMETERS: <u>X__</u> Elade _ -6 GND 9 +3 50V

+13 -19 +13 -6 145 +2 -18 ÷ 3 +7

Measurements are relative to place MEAN

1523C Flumware Version: | 4.23c 8520/95200 Flimmwane Weksishi 0.00 66 - 960 Orbellu maelmoka Collin

^

Logsheet No. 60728

	eck done per RFM. ed airworthy this date.		460	ergere tuern	76047	7 Pas			VOII Stat	ion & Accuracy		Insp. / Compone	
Date: 27MARIZ Lock USC			ppropria	te Box:		Trend 🔲	- ' '	heck 🗆	Philips and		5 X S	0 hr/1m	nth/
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Pilot's Signature & Certification						l			-			A Downloaded	7007 - 100
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1) Pilo	ots right peda	el bro	Ke is	. {	Bled R/1	+ beak	e And	Sen	sceed	· 2 PI	4/A	P306533	59
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Publication #:	ASB-76-65-7	<u>′1 </u>				•	•
AD Effective Date:			A	mendme	ent #:		-
Subject: ROTORS - Main Rotor B	lades - One-Tir	ne Inspect				for Skin Disbon	ıds
(Effective Part Nomenclature)	_		09100-05	53	A(086-02356	
12/07/2018		(Fait 14	umber)			(Part S/N)	
(Compliance Date)	(TT of F	Part if Know	<u>n)</u> –	(Part (Cycles if Know	n or Applicable)	
Method(s) of Compliance:							
Inspected Main Rotor Blade IAW SE							
N15460	10,162:3		,				
(Registration Number)	(Aircraft Total	Time)		(Wo	rk Order or Re	∍pair Order #)	
A/C S/N:760	0477		Tech L	og #:	TL-414	264-2018	
S76C+	Miami						
(Aircraft Type)	(Base Compl	ied With)	((Status Sh	heet Tracking	Required)	
" In a Number of	5493			11/2/1	1 AAP 30		
(Line Number if on Status)	(Employee Person Doing			(Signatur	re and Certific	ate Number)	
If repetitive NEXT ACTION DUE:					(E	nter in Logbool	k)
Forward this as soon as possible.	ATTN:	Records	S				
NOTIFICATION OF COMPLIANCE					1/14/2019		_
Comply with visual inspection of MF ASB-76-65-71.(latest Rev)	RB for erosion	causing sk	in disbon	ids and re	pair MRB as	necessary IAW	,
NOTE: Enter Method of compliance	e in RAMCO te	ch-log EO	sign off c	comments	3.		
Make an appropriate logbook entry (Logbook entry requirements for (br	as per GMM V ulletins,letters,e	′ol 2, Chap etc.)	ter 2 Par	a 2-104, (Chapter 3 sec	ction 1 para 3-9	
Air Medical = Make an appropriate	logbook entry a	as per GMI	M Vol 2 F	² ara 3.1.4	١.		
Complete PHI compliance form and Sign off in RAMCO.	d send to Reco	rds					

Publication #:	ASB-76-65-70	<u> </u>	
AD Effective Date:		Amendment #:	\$
Subject: Main Rotor Blades(MRE	3) - One-Time Inspection	on of MRB Log Cards that have been overha	uled
stripped and rebuilt, or repaired to o		-	idica,
	761	50-09100-053 A086-0235	
(Effective Part Nomenclature)		art Number) (Part S/N	
06/16/2018	/TT - (D - 1 '()	(2)	
(Compliance Date)	(TT of Part if h	(nown) (Part Cycles if Known or Appli	cable)
Method(s) of Compliance:	arhauled stripped and	rebuilt, or repaired per ORI 76150-011 Secti	-
N15460	9998:30		
(Registration Number)	(Aircraft Total Time)	(Work Order or Repair Ord	er #)
A/C S/N:76	60477	Tech Log #:TL-400262-2018	3
S76C+	Miami FL		
(Aircraft Type)	(Base Complied Wi	th) (Status Sheet Tracking Required	i)
	5493	pl Ell AM 3071804	
(Line Number if on Status)	(Employee # of Person Doing Work	(Signature and Certificate Numb	ber)
If repetitive NEXT ACTION DUE		(Enter in L	ogbook)
Forward this as soon as possible	. ATTN: Rec	ords	
NOTIFICATION OF COMPLIANC	E IS REQUIRED BY:	6/21/2018	
Comply with instructions to review	MRB log cards IAW A	SB-76-65-70.(latest Rev) Ref SSI-76-108	
Notify project coordinator to make	adjustments to MRB I	og cards.	
Complete RAMCO sign off of SSI-	76-108 at the same tir	ne as ASB-76-65-70 sign off.	
Make an appropriate logbook entr (Logbook entry requirements for (l	y as per GMM Vol 2, C pulletins,letters,etc.)	Chapter 2 Para 2-104, Chapter 3 section 1 pa	ara 3-9
Air Medical = Make an appropriate	e logbook entry as per	GMM Vol 2 Para 3.1.4.	
Complete PHI compliance form ar Sign off in RAMCO.	nd send to Records		

Publication #:	SSI-76-108	3				
AD Effective Date:			Amendm	ent #·	•	
Subject: ROTORS - Main Rotor B	ades (MRB) -	Adjustmer				
(Effective Port Nemonaletims)	_		09100-053		6-02356	
(Effective Part Nomenclature) 06/16/2018		(Part N	lumber)	(F	Part S/N)	
(Compliance Date)	(TT of I	Part if Knov	<u> </u>	t Cycles if Known o	or Applicable)	
Method(s) of Compliance:	(1.1.21.1		(, 2	Coyoloo II (Mowiff C	Applicable)	
Determined MRB has not been over	hauled, strippe	d and reb	uilt, or repaired pe	er ORI 76150-01	1 Section 1.	
N15460	9998:30)				
(Registration Number)	(Aircraft Total		(W	ork Order or Repa	air Order #)	
A/C S/N:760	477		Tech Log #:	TL-40026	2-2018	
S76C+	Miami	FL				
(Aircraft Type)	(Base Compl	lied With)	(Status Sheet Tracking Required)			
	5493		11/2	M ATP 3071	806	
(Line Number if on Status)	(Employee Person Doing		(Signatu	re and Certificate	e Number)	
If repetitive NEXT ACTION DUE:				(Ente	er in Logbook)	
Forward this as soon as possible.	ATTN:	Record	s		- ,	
NOTIFICATION OF COMPLIANCE	IS REQUIRED	BY:		6/21/2018		
Comply with instructions to review N	IRB log cards	IAW SSI-7	'6-108.(latest Rev	<u>')</u>		
Notify project coordinator to make a	djustments to I	MRB log c	ards.			
Complete RAMCO sign off of ASB-7	'6-65-70 at the	same tim	e as SSI-76-108 :	sign off.		
Make an appropriate logbook entry a (Logbook entry requirements for (bu	as per GMM V lletins,letters,e	ol 2, Chap etc.)	ter 2 Para 2-104,	Chapter 3 section	on 1 para 3-9	
Air Medical = Make an appropriate l	ogbook entry a	s per GM	M Vol 2 Para 3.1.	4.		
Complete PHI compliance form and Sign off in RAMCO.	send to Recor	rds				
1						



Model S-76C 900H M/R Blade

Rev 1 Page 36-1 Date 15Feb2018

36.1 N 15460

Model S-76C 900H M/R Blade

INSTRUCTIONS: Each listed inspection and/or maintenance function shall be performed in accordance with the applicable maintenance manual and/or PHI Air Medical instructions. Remove all panels, fairings, and cowlings necessary to accomplish the inspection.

Each item listed below will be accomplished at 900 hour, intervals.

Check the appropriate box under work required column, Yes or No. If work was required and the Yes block checked, a logbook entry must be made of the work performed. A CCI may also be necessary.

Review JSAs associated with maintenance task. Develop a JSA, if deemed necessary, before proceeding with a specific task. (Ref: Safety Management System)

References: Sikorsky AMM Publication No. SA 4047-76C-2 and Composites Materials Manual SA 4047-76-5

Applicability: This inspection form is applicable to all main rotor blades. Use a separate form for each main rotor blade.

1	SECTION 1.	MECH	CCI	WORK REQ'D? YES NO
	 APPLICABILITY: Section 1 is applicable to the following main rotor blade configurations: 76150-09100-053 and subsequent. 76150-09000-051/-052 modified by CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-046/-049/-050 and 76150-09100-041 through -050 marked RS-004E-II or RS-004F-II or RS-008C CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-045/-047/-048 marked RS-003 and RS-004E-II or RS-004F-II or RS-008C-II and modified by CSI revision (Kit 76070-15003) 			1000
ı	1 Remove main rotor blade.	a		
ı	Remove tip cap assembly. Inspect chordwise tip rib, (Figure 601, 65-11-00) for cracks or disbonding per Table 2-1 (Tip Cap Assembly Removed) requirements of Composite Materials Manual, SA 4047-76-5. [65-11-00]	Aug		1
	Check four tip plate retention bolts (79790H-4-5), for 135 inch-pounds torque (Figure 601, 65-11-00). Re-torque to 135 inch-pounds. Replace all four bolts if any one is below 100 inch-pounds torque. Apply wet zinc chromate primer, Fed. Spec. TT-P-1757 or equivalent, to threads of bolts and washers. Thread and seat each bolt into tip block by hand using appropriate socket and extension bar. Do not use ratchet wrench for this operation. Make sure countersunk side of washer is seated against bolthead. Repeat torque check per Chapter 5-50-00. Chapter 65, item 2, Conditional Maintenance Checks. [65-11-00]	/		
	Inspect clamp plate, two retention studs, and spar tip block (C-block) internal for-and-aft radius for cracks using inspection mirror and bright light (Figure 601). [65-11-00]. If crack is found, contact Sikorsky Aircraft.	In		1
	Inspect spar tip block (C-block) to spar bond inside for evidence of corrosion product leaching from bond line. [65-11-00] If corrosion product is found contact Sikorsky Aircraft and replace blade within 340 hours.	De		1
	Inspect joint between tip plate and tip block (C-block) for evidence of corrosion. If corrosion is found, remove tip plate and reapply protective finishes per 65-10-00, Structural Repair Manual, SA 4047-76-12. [65-11-00]	M		/
L	Check clamp plate retention stud nuts for 45 or 110 inch-pounds torque, as applicable (Figure 601). [65-11-00]	Oa		
8	Reinstall tip cap assembly.	an	m	· /



N_15400 Model S-76C 900H M/R Blade

Rev 1 Page 36-2 Date 15Feb2018

#	SECTION 2,	MECH INIT	CCI	WORK REQ'D? YES NO
	This section is applicable to <u>ALL</u> main rotor blades regardless of P/N or mo	dificatio	on.	
1	Remove main rotor blade. (if not previously removed in "Section 1")	Q.		
2	Inspect main rotor blade as follows: (Refer to Composite Materials Manual, SA 4047-76-5, Table 201 and paragraph 1.F. for inspection requirements): a. Inspect main rotor blade titanium strip and fiberglass skin per Composite Materials Manual, SA 4047-76-5 paragraph 1.F. b. Inspect main rotor blade comprising: (refer to Table 201) 1. Blade assembly (all surfaces) (a. and b.) a. Visually inspect main rotor blades for burned or disbonded areas indicative of lightening strike damage. 2. Fiberglass skin/Honeycomb core assy., and Trailing edge a. In airfoil contour region (a. thru d.) b. In trailing edge region (a. thru d.) 3. Nickel and titanium leading edge abrasion strips (f. and g.) 4. Root end laminate (d., f., and g.) 5. Trim tab (b.) 6. Airfoil contour and trailing edge region (b.) 7. Blade root end laminated shims for burns or raised edges that could chafe main rotor spindle/cuff mating surface. None allowed. If necessary, replace shims. Refer to paragraph 3.D., Repair Procedure No. 4, 65-10-00, Structural Repair Manual, SA 4047-76-12.	1		
3	Reinstall main rotor blade.	1	ill	1
	POST INSPECTION	ye	7000	
1	Inspect aircraft for any loose objects, rigging fixtures, tools, rags, etc.	0	30.70	1
2	Ensure that cowlings, doors, inspection panels, and structural panels are properly installed.	an		1

INITIALS	=	SIGNATURE	CERTIFICATE TYPE & NUMBER
an and	=	An 1sts	3350424200
m	=	Mm R1	3350424AD
	=	Y	
	=		
	=		
	=		



N_15460 Model S-76C 900H M/R Blade

Rev 3 Page 36-3 Date 08Aug2019

Inspection Started: Date 57	171.7			
Next Due: Date N/A	A/C T.T. <u>i 1 6 le l</u>	1:02	A	
Tech Log: 113-00157			10)	
Main Rotor Blade P/N: 7615	0-09100-053	S/N:_	A086-02356	Bive
Complete the following entry a	and enter it in the aircraft logbook.			
"I certify that aircraft N 15460 accordance with a PHI Air Medidetermined to be in an airworth;	ntotal time <u>i o 기 (</u> cal Model S-76C 900H M/R Blade In y condition,"	日:02 spection.	, has been inspected and All CCI items have been signed	or work performed in i, and the aircraft was
5126121	Jess Net		33504244	H-M-C
Date	Mechanic Signa	ture	A&F	Number



N_15460 Model S-76C 500H M/R Blade

Rev 3 Page 28-3 Date 08Aug2019

Inspection Started: Date 5	111171				
Next Due: Date N/A	A/C T.	T. 11264:02	_ ^		
Tech Log: TL3 - 0015	75-2021		40		
M/R Blade P/N: 76 150-0	9100-053	S/N: A086-02356	1	Blue	
Complete the following entry	and enter it in the air	craft logbook.			
accordance with a PHI Air Me have been signed, and the a paragraph (a) was accomplish Materials Manual, SA-4047-76	dical Model S-76C 500l ircraft was determined to sed by inspecting the m 6-5, paragraph 2-7 or 2	time 10764:03 had MR Blade Inspection on MR B obe in an airworthy condition. Coain rotor blade spar for cracks in -7A. Next inspection due at aircra	lade S/N <u>A 0% (</u> Impliance with A accordance with Ift total time <u>((</u>	2-02356 AD 84-10-02, dated the Sikorsky S-76 264:02	All CCI items June 14, 1984,
5/24/21	fron Nto		3350471	1Am	
Date	/ M	lechanic Signature		A&P Number	

NEW LOG CARD ISSUED THIS DATE 6/23/2004

COMPONENT LOG CARD Page 1 of 2

as company			BLACK		
PART NO.	76150-09100-053	NOMENCLATURE	MAIN ROTOR BLADE	SERIAL NO.	A086-02354

					TIME	
AIRCRAFT NO.	DATE INSTALLED	DATE REMOVED	AIRCRAFT TIME	T.S.O	T.T.	REASON FOR REMOVAL
760477	26 Mar 2005		4587.9		3748.3	
						11 19 24
		1 25.				L #1 77731
						1,000
				p=18		
		72ag / 1				and the state of t
		grade to the contract of				
				7.7		
						70 4 24
	The state of					

OVERHAUL INTERVAL	
RETIREMENT TIME	



DATE	REPAIRS OR OVERHAULS	SIGNATURE	CERTIFICATE NO.
6-23-04	Repaired IAW P.O.# 134669 SO# LV724-001 TT: 3748.3, Schedule	ed Maintenance Inspections	
	Per SA 4047-76-2-1 & SA 4047-76-5, Trailing Edge Patch Repair, 7	Гір Cap Assy Repairs: PN:	
	76150-09043-054, SN: A175-04519 TT: On Cond, Adhesive Injection	on, Painted/ Stenciled RS#s,	
	Static Balanced Per ATP24.088, CW: ASB 76-65-55A, AD 2002-15	-51, Trim Tab Settings:	Sikorsky O & R
	Sta 1-102, Sta 2-102, Sta 3-101, Sta 4-102, Sta 5-101, Sta 6-101, Sta	Sta 7-101, Sta 8-103,	Certified Repair Station
	Tip End Weight Positions Fwd: 14, Aft 13.	1816	AA1R001K
			,
10-10-11	AD 2000-11-52 M/t by S/N, P/C veritiral by H. Ammons	1-24-07. Will	A603042957
70 / 0 / /	7 7 7		
2-15-12	AD 81-09-07 MA by P/N	Diff.	AP3042917
	, , ,		7.3.11
8/8/18	35I-76-108 + ASB-76-65-70, BLADE HAS NOT BEEN DH, STRIPPE	D + REBULKT OR REPAIRED	
1.57	PER ORT 71150-011 SECT, NO FUR THER ACTION REQUIRED, TZ-	400262,2018 (6)	
	There I	Leading # 8-21-2018	AP D 3 204412
		0	•
	Inspected Man Rotor Blade IAW ASB-76-65-71 Section 3.C	1 1	
12/1/18	and determined to be in airworthy condition. TL-414264-		
	- 2018 PMI Co Thom	en S. Ladyse 3-26-7019	A603704412
		0	•
	·		
	1.0		



PART NO. 76150-09100-053

NOMENCLATURE

MAIN ROTOR BLADE

SERIAL NO.

A086-02354

BLACK

AIRCRAFT NO.	DATE INSTALLED	DATE REMOVED	AIRCRAFT TIME	COMPONE T. S. T.	ENT TIME T.T.	REASON FOR REMOVAL
760477	25Nov1997		NEW	NEW	NEW	
		12-13-03	3748.3	500 hr - 65.2 900 hr 148.3	3748.3	Souther / per vibration Noted.
760477	26 Mar 2005		4587,9	0	3748.3	
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	V.					
				OC ONLY		
	3		FOR REFEREN	CE OINE		
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OVERHAUL INTERVAL	
RETIREMENT TIME	



DATE	REPAIRS OR OVERHAULS	SIGNATURE	CERTIFICATE NO
DATE	Manufacture Date of Main Rotor Blade: 9-18-97	SIGNATURE	CERTIFICATE NO
	Manufacture Date of Main Rotor Blade: 9-18-97 Manufacture Date of Tip Cap: 9-15-97		
	-		
	Balance Weights Installed Forward P/N: 76150-09025-103, Qty. (5)		
	Forward P/N: 76150-09025-103, Qty. (5)		
	76150-09025-104, Qty. (1) Aft P/N: 76150-09025-103, Qty. (2) 76150-09025-104, Qty. (1) 76150-09025-107, Qty. (1)		
	76150-09025-104, Oty. (1) 76150-09025-107, Oty. (1)		
19Sept1997	76150-09025-108, Qty. (1)	Natalie Wellmaker	SIKORSKY AIRCRAFT
		1 Commission	QUALITY ASSURANCE
-		12 10 12 20	51KORSKY AIRCRAFT
19Sept1997	Blade Painted Hi-Visability per Color Scheme 02.	Datolie Wellmaker	QUALITY ASSURANCE
			40,200,000,000
*			
	FOR REFERENCE ONLY		
•	-OR REFERENCE VIVE		
	+United		
8			

NEW LOG CARD ISSUED THIS DATE 3/22/2004

COMPONENT LOG CARD Page 1 of 2°



PART NO. 76150-09100-053 NOMENCLATURE MAIN ROTOR BLADE SERIAL NO. A086-02354

				COMPONENT		
AIRCRAFT NO.	DATE INSTALLED	DATE REMOVED	AIRCRAFT TIME	T.S.O	T.T.	REASON FOR REMOVAL
					3748.3	
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						9
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
542						
	Property and					
	KØ ₃ l					FOR REFERENCE ONLY
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OVERHAUL INTERVAL	
RETIREMENT TIME	



DATE	REPAIRS OR OVERHAULS	SIGNATURE	CERTIFICATE NO.
3-22-04	Inspected IAW Contract PO# 132151 SO# LV672-001 TT: 3748	.3. Limited Statement Of	
	Work. Static Balance Check, Dynamic Balanced Per ATP 24.080	, Incoming Fluoroscope For	
	Water/FOD/Loose Hardware, Trim Tab Settings: STA 1064, STA	A 2063, STA 3064, STA 4	
	063, STA 5064, STA 6-065, STA 7067, STA 8063, Pre-Trac		
	AIRCRAFT – Bpt., CT	John Gatisan For	AA1R001K
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			Oldr
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			CCRV
			EFERENCE ONLY
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FOK.	
	l v		

Major Componen MAIN F	. Major Component MAIN ROTOR BLADE			2. Part Number 76150-09100-053				3. Serial Number A086-02354			
Part Name	Part Number	Sei Num		Date	Perform. Organ- ization	Time Since New on Item Shown in	Life Limi	ce New on ted Items Column A.	Reason For Removal		
A.	B.	С).	D.	E.	Block 1	Installed	Removed			
TIP RIB	76150-09015-049	NO	NE	9-18-97	SIK.	NEW	NEW				
TIP CAP	*	*		*	*	*	*				
TIP CAP SCREWS	*	*	:	*	*	*	*				
TIP CAP SCREWS	*	*	:	*	*	*	*				
BOLTS	7979OH-4-5 (4)	NO	NE	9-18-97	SIK.	NEW	NEW				
SPAR	76150-09004-102	*		9-18-97	SIK.	NEW	NEW				
	* TO DE DETERM	AINED	AT NIE	WT DEDAIL							
	* TO BE DETER	MINED	AINE	XI KEPAIR							
	132							ONTY			
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Associate Life Limited Equipment to Major Component

4. Major Comp	onent	5. Pa	rt Number			6. Seria	al Number	
Part Name	Part Number	Serial Number	Date	Perform. Organ- ization	Time Since New on Item Shown in	Life Lim	ce New on ited Items Column A.	Reason For Removal
Α.	B.	C.	D.	E.	Block 1	Installed	Removed	
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					111			
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17-11-11								
							4	
							10	
	700-							
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			l.					
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Associate Life Limited Equipment to Major Component



Major Component MAIN ROTOR BLADE			ajor Component 2. Part Number MAIN ROTOR BLADE 76150-09100-053				3. Serial Number A086-02354			
Part Name	Part Number	Serial Number	Date	Perform. Organ- ization	Time Since New on Item Shown in	Life Limi	ce New on ted Items Column A.	Reason For Removal		
A.	B.	C.	D.	E.	Block 1	Installed	Removed			
P RIB	76150-09015-049	None	9-18-97	SIK.	New	New				
P CAP	76150-09043-054	A175-04519	6-23-04	44	3748.3	On Cond	?	1		
OLTS	7979OH-4-5 (4)	None	9-18-97	"	New	New				
P CAP SCREWS	93273-4-8 (10)	"	6-23-04	u	3748.3	New				
IP CAP SCREWS	NAS 8303-9 (6)	"	"	"	"	и				
IP CAP SCREWS	NAS 8303-8 (2)	tt.	"	"	"	"				
								·		
							ε 1			

Associate Life Limited Equipment to Major Component



4. Major Compor MAIN	5. Pa	rt Number 76	150-09100-0	053	6. Seria	al Number A086-0	2354	
Part Name	Part Number	Serial Number	Date	Perform. Organ- ization	Time Since New on Item Shown in	Life Limi	ce New on ited Items Column A.	Reason For Removal
A.	B.	C.	D.	E.	Block 1	Installed	Removed	
			1 00					
	į.							
					61			
•								

Publication #:	ASB-76-65-70	·	
AD Effective Date:		Amendment #:	
Subject: Main Rotor Blades(MRE	3) - One-Time Inspection o	f MRB Log Cards that have been overhauled.	- <u></u>
stripped and rebuilt, or repaired to o	•		·
		09100-053 A086-02354	
(Effective Part Nomenclature)		umber) (Part S/N)	
06/16/2018			•
(Compliance Date)	(TT of Part if Know	(n) (Part Cycles if Known or Applicable	∍)
Method(s) of Compliance:			_
Determined MRB has not been ove	rhauled, stripped and rebu	uilt, or repaired per ORI 76150-011 Section 1.	
N15460	9998:30		
(Registration Number)	(Aircraft Total Time)	(Work Order or Repair Order #)	
A/C S/N:76	60477	Tech Log #: TL-400262-2018	
S76C+	Miami FL		
(Aircraft Type)	(Base Complied With)	(Status Sheet Tracking Required)	
	5493	11 Ell ATP 307806	
(Line Number if on Status)	(Employee # of Person Doing Work)	(Signature and Certificate Number)	
If repetitive NEXT ACTION DUE		(Enter in Logbo	ook)
Forward this as soon as possible	ATTN: Record	s	· <u></u>
NOTIFICATION OF COMPLIANC	E IS REQUIRED BY:	6/21/2018	
Comply with instructions to review	MRB log cards IAW ASB-	-76-65-70.(latest Rev) Ref SSI-76-108	
Notify project coordinator to make	adjustments to MRB log c	ards.	,
Complete RAMCO sign off of SSI-	76-108 at the same time a	ıs ASB-76-65-70 sign off.	
Make an appropriate logbook entr (Logbook entry requirements for (I		oter 2 Para 2-104, Chapter 3 section 1 para 3	i-9
Air Medical = Make an appropriate	logbook entry as per GM	M Vol 2 Para 3.1.4.	
Complete PHI compliance form ar Sign off in RAMCO.	nd send to Records		
t .			

PHI-915-COMPLIANCE-002

Publication #:	SSI-76-108	<u> </u>			
AD Effective Date:			Amendm	ent #·	• • •
Subject: ROTORS - Main Rotor Bl	ados (MPR) - A	Adjustment /			
HOTORS - IVIAITI HOLOI BI	<u>aues (Mind) - /</u>	<u> Aujustinent (</u>	DI MIND LOG CA	ius	.
		76150.00	100.050		20.000
(Effective Part Nomenclature)		76150-09 (Part Nu		A0	86-02354 (Part S/N)
06/16/2018		•	,		
(Compliance Date)	(TT of F	Part if Known) (Par	t Cycles if Know	n or Applicable)
Method(s) of Compliance:					•
Determined MRB has not been overl	hauled, strippe	d and rebuil	t, or repaired pe	er ORI 76150-0	11 Section 1.
N15460	9998:30)			
(Registration Number)	(Aircraft Total	l Time)	(W	ork Order or Re	epair Order #)
A/C S/N:760)477		Tech Log #: _	TL-4002	262-2018
S76C+	Miami	FL			
(Aircraft Type)	(Base Compl	lied With)	(Status S	Sheet Tracking	Required)
<u> </u>	5493		Mill	1 AYP 307180	06
(Line Number if on Status)	(Employee Person Doing		(Signat	ure and Certific	ate Number)
If repetitive NEXT ACTION DUE :				(E	nter in Logbook)
Forward this as soon as possible.	ATTN:	Records			
NOTIFICATION OF COMPLIANCE	IS REQUIRED	D BY:		6/21/2018	
Comply with instructions to review M	MRB log cards	IAW SSI-76	-108.(latest Re	v)	
Notify project coordinator to make a	djustments to	MRB log ca	rds.		
Complete RAMCO sign off of ASB-	76-65-70 at the	same time	as SSI-76-108	sign off.	
Make an appropriate logbook entry (Logbook entry requirements for (but			er 2 Para 2-104	, Chapter 3 sec	ction 1 para 3-9
Air Medical = Make an appropriate	ogbook entry a	as per GMM	Voi 2 Para 3.1	.4.	
Complete PHI compliance form and Sign off in RAMCO.	send to Reco	rds			

• PHI-915-COMPLIANCE-002

, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				• • •
BLADE:	RED	BLACK	YELLOW.	BLUE
P/L clicks:			↓0.3	
TAB mils:	↑ 0.1		+3.59	<u> </u>
W1 105		4.CO		· • ·
5-7687	C #N15	460 RUN	1 SOLUTI	.UN

MAKE ALL CHANGES!

↑ means make blade fly higher
with pitch link or tab.
(Up tab makes blade fly higher.)

All changes made from present settings. NOT from zero!

Sikorsky S-76B/C M/R, Smart, w/ Track Smart Chart #12586-4

Revision Date: 22 Apr 96

Tail Number: N15460

Run Number: 1

Data Acquired: 15:50:24 21 JAN 2018

Frequency: 314 RPM

107% Ground Roll: 0.335 IPS @ 4:09 Hover Roll: 0.069 IPS @ 3:00 145 KIAS Roll: 0.094 IPS @ 1:39 145 KIAS Vertical: 0.130 IPS @ 9:27

Current solution options:

Use P/L: YES Tab: YES Weight: YES

Iterations: 2

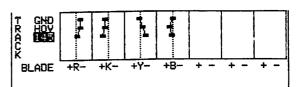
Ground Goal: 0.134 IPS Flight Goal: 0.052 IPS

Current weight (lbs) and tab (mils) settings for each blade:

BLADE RED BLACK YELLOW BLUE

TAB: + 0.0 + 0.0 + 0.0 + 0.0

WEIGHT: +0.00 +0.00 +0.00



Track Measurements (MILLIMETERS):

Blade	R	<u> </u>	<u>Y</u>	B
GND	-10	+7	+4	-1
HOV	-10	+6	-4	+8
145	-3	+13	-13	+4

Lead(+)/Lag(-) in MILLIMETERS:

Blade	R	K	<u> </u>	B
GND	-1	-6	0	+8
HOV	+13	-19	+13	-6
145	+3	-18	+8	+7

Measurements are relative to blade MEAN

Logsheet No. 60728

Destinate about dans are DEM	Reg. No.	A/C S/N Rad	ar√ VOR √ Due	Vur Station & Accuracy	Next insp. / Component / MEL
Preflight check done per RFM. A/C deemed airworthy this date.	015460	760477 DF	ass 4)18)12	411	100 hr/1-month/
Date: 27 MARIZ Lock USF	Check Appropriate Box:	Engine Trend			5×5. · · :
0011 0	Pr Alt OAT NR	Torque Eng.	Ng	ТОТ	3/31/12:
Pilot's Signature & Certification		2		7 11 14 15	FOQA Downloaded
A/C TT	Starts	Eng 1 TT	Eng 1 GG Cycle		- Joics
Previous 7882.1	2273	6564.6	11,257,1	7870.5	5 '. /'
Today 3,7.	7	3.7	6.7	4 (6
Total 7885.8	2280	6568.3	11,263,8	3 7875,	1
Flights	Slings	Eng 2 TT	Eng 2 GG Cycle		T Joics
Previous 22103		3700.1	5332.9	5058.	/-
Today		3.7	5.0	4.	6
Total 22110	/	3703.8	5337.9	5063.	5
Inspection, AD or SB Number	Inspections, Ain Component S/N	worthiness Directives ar Method	of Compliance	plied with Date	Signature & Certification
AD 84-10-02	A086-02356			3/28/12 1/	140 A305379
4 D 84 - 10 - 03	A 086 - 02 35 Y			3/28/12 2	PHP @3065739
4D 84-1A-02	A086-02355			3/28/12 20	Af3065339
40-01- PR (A	A086-0235			3/28/17 0 40	DAR \$P3065339
	2			3/28/12	HT . W 70073
SK-5 100ha/I nowth Ins				3/28/12 90	NA NY 325779
	· · · · · · · · · · · · · · · · · · ·	erialized Components Ir	stallation / Removal	Wash Cross Sans	
Description	Part Number Off	S/N Off	Part Number (On S/N	On Date Disc#
AN 84-10-02 C	omplies with	4AIP 500H	MIR Blade	Insp.	
Discrepancies (Pilot Initial if No Disc	Noted A	Correctiv	 e Action (Enter Date)		Signature and Certification
0 2011	<u> </u>				
(1) filots Right ped	al brake is	Bled RIH bea	Ke And Sew		4/AP3065339
sponcey and les	s offective.			3/28/12	
1 0 1					
2702 28214212 0	71/				
0700 28MARIZ Q	LUM ATP 3103698				
					2.2
2) Pilots windshield 11	lasher fluir	(5) Plate wind	shield washer	Iluid tot	NDAN 7065376
				, ,	
line is detached	from wiper.	LINE TOUND A	tached to Niè	ec. 3/28/12	
					7
1700 2811AR 12 (2014)	ATP3177698				
r	1				() () () () () () () () () ()
2) 42 (2)		2.1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	110.20
3) AD 84-10-02 Di	Le.	761M 40 81-	10-02 dated	6/18/84)1.	DT 101577
	i.	ospected - M/n bl	ades \$12 A 086-	02356/	
		,	1357 for Chacks.		
					2/ /
CARREST FROM THAT BETTER TO TO	PACTED BY THE PACTE OF THE PACT O	IK CMM 76-5	(2-2=2-7A) N	OCACRUN-ted	3/28/2012
Record Fluid Servicing (When Applic	able)				
Provisional Airworthiness Release Pend	ling Operational Check Flight	on Next Logsheet.	Airworthiness Release/F	Post Flight Inspection	Date: 3/28/12
MX Worksheet Page of			1	//	H. 206575
IVIX VVOIRSHEEL Fage Of	HOIVIS Heviewed	:Initials	Signati	ire & Certification	11.000509

Publication #:	ASB-76-65-	71			
AD Effective Date:			Amendment #:	•	
Subject: ROTORS - Main Rotor Bla	ades - One-Ti	me Inspectio	n of Main Rotor Blade (M	IRB) for Skin Disbond	
	1	76150-09	9100-053	A086-02354	
(Effective Part Nomenclature)	1	(Part Nur	mber)	(Part S/N)	
12/07/2018 (Compliance Date)	(TT of	Part if Known)	(Part Cycles if I	Known or Applicable)	
Method(s) of Compliance:	(1101	Fait ii Kilowii,	(i ait Oyoles ii i	Anown of Applicable)	
Inspected Main Rotor Blade IAW SB	76-65-71 Sec	ction 3.C and	determined to be in airw	orthy condition.	
N15460	10,162:3	 35			
(Registration Number)	(Aircraft Tota		(Work Order	or Repair Order #)	
A/C S/N:760	477	-	Tech Log #:TL	-414264-2018	
S76C+	Miami				
(Aircraft Type)	(Base Complied With)		(Status Sheet Tracking Required)		
	5493		MELL	A4P 3071806	
(Line Number if on Status)	(Employee Person Doing		(Signature and Ce	ertificate Number)	
If repetitive NEXT ACTION DUE:				_ (Enter in Logbook)	
Forward this as soon as possible.	ATTN:	Records		in the last to the	
NOTIFICATION OF COMPLIANCE	IS REQUIRE	D BY:	01/14/20	19	
Comply with visual inspection of MR ASB-76-65-71.(latest Rev)	B for erosion	causing skin	disbonds and repair MR	B as necessary IAW	
NOTE: Enter Method of compliance	in RAMCO te	ech-log EO si	gn off comments.		
Make an appropriate logbook entry a (Logbook entry requirements for (bu	as per GMM \ lletins,letters,	√ol 2, Chapte etc.)	er 2 Para 2-104, Chapter	3 section 1 para 3-9	
Air Medical = Make an appropriate k	oabook entrv	as per GMM	Vol 2 Para 3.1.4.		
	- J				
Complete PHI compliance form and Sign off in RAMCO.		ords			
		ords			
		ords			



5460 Model S-76C 900H M/R Blade

Rev 1 Page 36-1 Date 15Feb2018

36.1 N 15440

Model S-76C 900H M/R Blade

INSTRUCTIONS: Each listed inspection and/or maintenance function shall be performed in accordance with the applicable maintenance manual and/or PHI Air Medical instructions. Remove all panels, fairings, and cowlings necessary to accomplish the inspection.

Each item listed below will be accomplished at 900 hour, intervals.

Check the appropriate box under work required column, Yes or No. If work was required and the Yes block checked, a logbook entry must be made of the work performed. A CCI may also be necessary.

Review JSAs associated with maintenance task. Develop a JSA, if deemed necessary, before proceeding with a specific task. (Ref: Safety Management System)

References: Sikorsky AMM Publication No. SA 4047-76C-2 and Composites Materials Manual SA 4047-76-5

Applicability: This inspection form is applicable to all main rotor blades. Use a separate form for each main rotor blade.

#	SECTION 1.	MECH INIT	CCI	WORK REQ'D? YES NO
	PPLICABILITY: Section 1 is applicable to the following main rotor blade configurations: 76150-09100-053 and subsequent. 76150-09000-051/-052 modified by CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-046/-049/-050 and 76150-09100-041 through -050 marked RS-004E-II or RS-004F-II or RS-008C-CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-045/-047/-048 marked RS-003 and RS-004E-II or RS-004F-II or RS-008C-II and modified by CSN revision (Kit 76070-15003)			0.
1	Remove main rotor blade.	0		
1	Remove tip cap assembly. Inspect chordwise tip rib, (Figure 601, 65-11-00) for cracks or disbonding per Table 2-1 (Tip Cap Assembly Removed) requirements of Composite Materials Manual, SA 4047-76-5. [65-11-00]	Pu		1
3	Check four tip plate retention bolts (79790H-4-5), for 135 inch-pounds torque (Figure 601, 65-11-00). Re-torque to 135 inch-pounds. Replace all four bolts if any one is below 100 inch-pounds torque. Apply wet zinc chromate primer, Fed. Spec. TT-P-1757 or equivalent, to threads of bolts and washers. Thread and seat each bolt into tip block by hand using appropriate socket and extension bar. Do not use ratchet wrench for this operation. Make sure countersunk side of washer is seated against bolthead. Repeat torque check per Chapter 5-50-00, Chapter 65, item 2, Conditional Maintenance Checks. [65-11-00]	A.		/
4	Inspect clamp plate, two retention studs, and spar tip block (C-block) internal for-and-aft radius for cracks using inspection mirror and bright light (Figure 601). [65-11-00]. If crack is found, contact Sikorsky Aircraft.	Per		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	Inspect spar tip block (C-block) to spar bond inside for evidence of corrosion product leaching from bond line. [65-11-00] If corrosion product is found contact Sikorsky Aircraft and replace blade within 340 hours.	Jes.		V
L	Inspect joint between tip plate and tip block (C-block) for evidence of corrosion. If corrosion is found, remove tip plate and reapply protective finishes per 65-10-00, Structural Repair Manual, SA 4047-76-12. [65-11-00]	an		V
_	Check clamp plate retention stud nuts for 45 or 110 inch-pounds torque, as applicable (Figure 601). [65-11-00]	Pen		1
8	Reinstall tip cap assembly.	Our	ML	1



36 Form 900H M/R Blade N 15440 Model S-76C 900H W/R B

Model S-76C 900H M/R Blade

Rev 1 Page 36-2 Date 15Feb2018

#	SECTION 2.	MECH INIT	CCI	WORK REQ'D? YES NO
	This section is applicable to <u>ALL</u> main rotor blades regardless of P/N or mo	dificatio	on.	
1	Remove main rotor blade. (if not previously removed in "Section 1")	1		
	Inspect main rotor blade as follows: (Refer to Composite Materials Manual, SA 4047-76-5, Table 201 and paragraph 1.F. for inspection requirements): a. Inspect main rotor blade titanium strip and fiberglass skin per Composite Materials Manual, SA 4047-76-5 paragraph 1.F. b. Inspect main rotor blade comprising: (refer to Table 201) 1. Blade assembly (all surfaces) (a. and b.) a. Visually inspect main rotor blades for burned or disbonded areas indicative of lightening strike damage. 2. Fiberglass skin/Honeycomb core assy., and Trailing edge a. In airfoil contour region (a. thru d.) b. In trailing edge region (a. thru d.) 3. Nickel and titanium leading edge abrasion strips (f. and g.) 4. Root end laminate (d., f., and g.) 5. Trim tab (b.) 6. Airfoil contour and trailing edge region (b.) 7. Blade root end laminated shims for burns or raised edges that could chafe main rotor spindle/cuff mating surface. None allowed. If necessary, replace shims. Refer to paragraph 3.D., Repair Procedure No. 4, 65-10-00, Structural Repair Manual, SA 4047-76-12.	an		
3	Reinstall main rotor blade.	Pen	ML	11
8	POST INSPECTION	1		
1	Inspect aircraft for any loose objects, rigging fixtures, tools, rags, etc.	gra .		1
2	Ensure that cowlings, doors, inspection panels, and structural panels are properly installed.	a		V

INITIALS	=	SIGNATURE	CERTIFICATE TYPE & NUMBER
an	=	Jon Nt	3350424A=P
me	=	mh	3350424A5P
	=	1	
	=		
	=		
	=		



15460 Model S-76C 500H M/R Blade

Rev 3 Page 28-3 Date 08Aug2019

Inspection Started: Date 5/	17121		N	
Next Due: Date N/A	A/C T.T	11264:02		
Tech Log: TL3-00157				
M/R Blade P/N: 7/e150 - 09	100 -053	S/N: A086-02354	Yellow	
Complete the following entry	and enter it in the aircra	ft logbook.		
accordance with a PHI Air Medi have been signed, and the airc paragraph (a) was accomplishe	ical Model S-76C 500H M craft was determined to be d by inspecting the main	e <u>lo 764:65</u> , has bee l/R Blade Inspection on M/R Blade S e in an airworthy condition. Compliar rotor blade spar for cracks in accord . Next inspection due at aircraft tota	S/N <u>A:79(2-02354</u> . All 0 nce with AD 84-10-02, dated June ance with the Sikorsky S-76 Com	CCI items e 14, 1984,
5194121	Is with	339	FOULUAR	
Date	Mech	anic Signature	A&P Number	



N_15460 Model S-76C 900H M/R Blade

Rev 3 Page 36-3 Date 08Aug2019

Date	Mechanic Si	ignature	A&P Number
5126121	la WE	3352444	A110
"I certify that aircraft N ISUloc accordance with a PHI Air Med determined to be in an airworth	ical Model S-76C 900H M/R Blac	764:02 , has been inspect de Inspection. All CCI items have been	ed and/or work performed in signed, and the aircraft was
	and enter it in the aircraft logb		
Main Rotor Blade P/N: 7しら	0-09100-653	SIN: AD 86-02354	1 Yellow
Tech Log: <u>TL3 - 6015 79</u>	-2021	\	
Next Due: Date 1/A	A/C T.T. <u>\ \ أ 6 (</u>	1.02	
Inspection Started: Date 5	17/21		



PART NO. 76

76150-09100-053

NOMENCLATURE ____

MAIN ROTOR BLADE

SERIAL NO.

A086-02357

BLUE

ALDODAET NO	DATE INSTALLED	DATE REMOVED	AIRCRAFT TIME	COMPONE		REASON FOR REMOVAL
AIRCRAFT NO.	DATE INSTALLED	DATE KEMUYED	AIRCKAFI IIME	T.S.O.	т.т.	KEASON FOR KEMUVAL
60477	25Nov1997		NEW	NEW	NEW	
	. 9					
			•			
		-				
1						/

OVERHAUL INTERVAL	
RETIREMENT TIME	



DATE	REPAIRS OR OVERHAULS	SIGNATURE	CERTIFICATE NO.
	Manufacture Date of Main Rotor Blade: 9-28-97 Manufacture Date of Tip Cap: 9-25-97		
	Balance Weights Installed Forward P/N: 76150-09025-103, Qty. (1)		
	76150-09025-108, Õty. (1) Aft P/N: 76150-09025-103, Qty. (1)		
28Sept1997	76150-09025-108, Qty. (1)	Vatalie Wellmaker	SIKORSKY AIRCRAFT QUALITY ASSURANCE
28Sept1997	Blade Painted Hi-Visability per Color Scheme 02.	Natalie Wellmaker	SIKORSKY AIRCRAFT QUALITY ASSURANCE
10-10-11	AD2000-11-52 N/A by S/N, P/C verified		,
	by H. Anmors. of 1-24-07	Dyl	AP30+2957
10-10-11	AD2002-15-51 N/A b, S/N, blade is not known		
	to have been strick by lightening. P/Con 1-10-03	With	A683042957
2-15-12	AD81-09-07 N/A by P/N	Dudful.	AP3042957
6/16/18	551-76-108+ ASB-76-65-70, BLADE HAS NOT BEEN ON,		
	STRIPPED & REDUILT OR REPAIRED PER DAT 76150-011 SEL		
	I, NO FURTHER ACTION REQUIRED TL-400000-2018 (CE)	Thomas P. Ludy = 8-21-2018	A : P 3204412
	Inspected Man Rotor Blade IAW ASB-76-65-71 Section 3.C		
12/1/18	and determined to be in airworthy condition. TL-414264- 2018	Thomas P. Ruly I 3-26-2019	A . P 3704417
		Thomas F. Kerly I 3-26-2019	APP STORMY

Publication #:	ASB-76-65-71				, ·
AD Effective Date:			Amendme	ent #:	•
Subject: ROTORS - Main Rotor B	lades - One-Tir	me Inspect		-	kin Disbonds
(Fig. 1) - Post New York			09100-053	A086-0	
(Effective Part Nomenclature) 12/07/2018		(Part N	umber)	(Par	t S/N)
(Compliance Date)	(TT of	Part if Know	n) (Part	Cycles if Known or	Applicable)
Method(s) of Compliance:					Tp:::
Inspected Main Rotor Blade IAW SB	/6-65-/1 Sec	tion 3.C ar	id determined to b	oe in airworthy con	dition.
N15460	10,162:3				
(Registration Number)	(Aircraft Tota	l Time)	(Wo	ork Order or Repair	Order #)
A/C S/N:760	0477		Tech Log #:	TL-414264-	2018
S76C+	Miami	FL			
(Aircraft Type)	(Base Comp	lied With)	(Status S	heet Tracking Requ	uired)
	5493		- Kal 5/	// A4P 3D718U	
(Line Number if on Status)	(Employee # of Person Doing Work)		(Signature and Certificate Number)		lumber)
If repetitive NEXT ACTION DUE:				(Enter	in Logbook)
Forward this as soon as possible.	ATTN:	Record	S		
NOTIFICATION OF COMPLIANCE	IS REQUIRED	D BY:		01/14/2019	
Comply with visual inspection of MF ASB-76-65-71.(latest Rev)	RB for erosion	causing sk	in disbonds and r	epair MRB as nece	essary IAW
NOTE: Enter Method of compliance	in RAMCO te	ch-log EO	sign off comments	S.	
Make an appropriate logbook entry (Logbook entry requirements for (bu	as per GMM V ulletins,letters,e	/ol 2, Chap etc.)	ter 2 Para 2-104,	Chapter 3 section	1 para 3-9
Air Medical = Make an appropriate I	logbook entry a	as per GMI	M Vol 2 Para 3.1.4	4.	
Complete PHI compliance form and Sign off in RAMCO.	l send to Reco	rds			

Publication #:	SSI-76-108	· .:
AD Effective Date:		Amendment #:
Subject: ROTORS - Main Rotor Bl	ades (MRB) - Adjı	
		150-09100-053 A086-02357
(Effective Part Nomenclature)		Part Number) (Part S/N)
06/16/2018 (Compliance Date)	(TT of Part	Known) (Part Cycles if Known or Applicable)
Method(s) of Compliance:	•	, () phoable)
Determined MRB has not been overh	nauled, stripped a	d rebuilt, or repaired per ORI 76150-011 Section 1.
N15460	9998:30	
(Registration Number)	(Aircraft Total Tin	(Work Order or Repair Order #)
A/C S/N: 760	477	Tech Log #:TL-400262-2018
S76C+	Miami FL	
(Aircraft Type)	(Base Complied	/ith) (Status Sheet Tracking Required)
	5493	pl Ell A14 307180 L
(Line Number if on Status)	(Employee # of Person Doing Wo	(Signature and Certificate Number)
If repetitive NEXT ACTION DUE :		(Enter in Logbook)
Forward this as soon as possible.	ATTN: R	cords
NOTIFICATION OF COMPLIANCE	IS REQUIRED BY	6/21/2018
Comply with instructions to review N	IRB log cards IAV	SSI-76-108.(latest Rev)
Notify project coordinator to make a	djustments to MR	log cards.
Complete RAMCO sign off of ASB-7	76-65-70 at the sa	e time as SSI-76-108 sign off.
Make an appropriate logbook entry (Logbook entry requirements for (bu	as per GMM Vol 2 Illetins,letters,etc.)	Chapter 2 Para 2-104, Chapter 3 section 1 para 3-9
Air Medical = Make an appropriate l	ogbook entry as p	r GMM Vol 2 Para 3.1.4.
Complete PHI compliance form and Sign off in RAMCO.	send to Records	
•		

Publication #:	ASB-7	<u>'6-65-70</u>		.:
AD Effective Date:			Amendment #:	
Subject: Main Rotor Bla	des(MRB) - One-T	ime Inspection		ave been overbauled
stripped and rebuilt, or rep				ave been overnauled,
			-09100-053	A000 000=
(Effective Part Nomenc	lature)		Number)	A086-02357 (Part S/N)
06/16/2018				· · · · · · · · · · · · · · · · · · ·
(Compliance Date)	1	(TT of Part if Kno	wn) (Part Cycles	if Known or Applicable)
Method(s) of Compliance				
Determined MRB has not			unit, or repaired per OHI	70130-011 Section 1.
N15460	99	998:30		
(Registration Number)	(Aircraf	ft Total Time)	(Work Ord	ler or Repair Order #)
A/C S/N:	760477		_ Tech Log #:	TL-400262-2018
S76C+		Miami FL	_	
(Aircraft Type)	(Base	Complied With)	(Status Sheet To	racking Required)
		5493	ful Ell AT	3071806
(Line Number if on Status)		loyee # of Doing Work)	(Signature and	Certificate Number)
If repetitive NEXT ACTIO	N DUE:			(Enter in Logbook)
Forward this as soon as	possible. ATT	ΓN: Record	ls	
NOTIFICATION OF COM	PLIANCE IS REQU	UIRED BY:	6/21/2	2018
Comply with instructions t	o review MRB log	cards IAW ASB	-76-65-70.(latest Rev) Re	ef SSI-76-108
Notify project coordinator	to make adjustmei	nts to MRB log	cards.	
Complete RAMCO sign of	f of SSI-76-108 at	the same time	as ASB-76-65-70 sign of	·.
Make an appropriate logbook entry requireme	ook entry as per G nts for (bulletins,le	MM Vol 2, Cha tters,etc.)	oter 2 Para 2-104, Chapt	er 3 section 1 para 3-9
Air Medical = Make an ap	propriate logbook	entry as per GM	M Vol 2 Para 3.1.4.	
Complete PHI compliance Sign off in RAMCO.	form and send to	Records		
				l

1 1,4200 5111111 10	
BLABE: <u>RED</u> BL	ACK YELLOW BLUE
P/L clicks:	\$ 0.3
TAB mils: † 0.1	+3.59 +2.4
S-76B/C #N15460	RUN 1 SOLUTION

MAKE ALL CHANGES!

↑ means make blade fly higher
with pitch link or tab.
(Up tab makes blade fly higher.)

All changes made from present settings, NOT from zero!

Sikorsky S-76B/C M/R, Smart, w/ Track Smart Chart #12586-4

Revision Date: 22 Apr 96

Tail Number: N15460

Run Number: 1

Data Acquired: 15:50:24 21 JAN 2018

Frequency: 314 RPM

107% Ground Roll: 0.335 IPS @ 4:09 Hover Roll: 0.069 IPS @ 3:00 145 KIAS Roll: 0.094 IPS @ 1:39 145 KIAS Vertical: 0.130 IPS @ 9:27

Current solution options:

Use P/L: YES Tab: YES Weight: YES

Iterations: 2

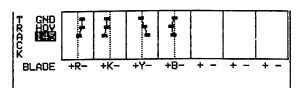
Ground Goal: 0.134 IPS Flight Goal: 0.052 IPS

Current weight (lbs) and tab (mils) settings for each blade:

BLADE RED BLACK YELLOW BLUE

TAB: + 0.0 + 0.0 + 0.0 + 0.0

WEIGHT: +0.00 +0.00 +0.00 +0.00



Track Measurements (MILLIMETERS):

Blade	R	K	<u>Y</u>	B
GND	-10	+7	+4	-1
HOV	-10	+6	-4	+8
145	-3	+13	-13	+4

Lead(+)/Lag(-) in MILLIMETERS:

Blade	R	<u> </u>	<u>Y</u>	B
GND	-1	-6	0	+8
HOV	+13	-19	+13	-6
145	+3	-18	+8	+7

Measurements are relative to blade MEAN

Logsheet No. 60728

	eck done per RFM. ed airworthy this date.	0.13	нед. No 5460	eria (HDB)	A/C		Pass	(1) -1.0	VUH	tation & Accuracy		Insp. / Componai	
			Appropri	ate Box:	7604	ngine Trend		Power Check	PERM		5 X	ohrdimi	inth 1
Date: 2 / 1	MARIZ LOCKIBL	Pr Alt		NR	Torque			Ng	2 200	тот		, , 1 - 7	٠.
4/20	11 4783103498					1			_			131/12. :	-
Pilot's Sig	nature & Certification A/C TT	Silver	Starts		18960000	Eng 1 TT		Eng 1 GG C	cles	Eng 1 Pt C	ycles	A Downloaded Eng 1 Imp (]
Previous	7882.1	2	27	3	6	564.6		11,257	. 1	7870.	5		yoles
Today	2.7.			7		3.7		6	7	4	6		
Total	7885.8	2	28	O	6 5	68.3		11,263		7875	. 1	/	
- 484	Flights	A D			1 550 193 1	Eng 2 TT		Eng 2 GG C		Eng 2 Pt C		Eng 2 Imp (Cycles
Previous	22103		/		3	700.1		5332.	9	5058	.9	/	
Today	7					3.7		. 5.	0	4.	6		
Total	22110.		/			03.8			9	5063	.5		
Inspec	ction, AD or SB Number		Inspecti		worthines	s Directives Metho	and S	Service Bulletins (Compliance		with ate	Signatu	re & Certification	
	4-10-02	Αo	86-08	0.00010000000		IAWAD 8				28/12 1		H30-5379	
	4-10-03		86 - 08			W JAW AT			3/2	1 1 / 1	11111	9365J79	
	50-11-40		86-0:			W TAW A				8/12		H3065339	
AND RESIDENCE	34-10-07		86-03			JAWA			150	8/11 0 40		AP306533	
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\$X-5	och / I nouth I use from Sun I was		11			5X-5 W	6	crews forthe	4 3/2	8/12) h	0 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
74-2	our Sum IND					Components	Insta	Illation / Removal		4-1-10-	eran been	2444724470	RAMPARA CONTRACTOR
F-11 3/13	Description	Pa	rt Numbe	r Off	94-54 (19 ¹ 1)	S/N Off	数别数	Part Numb	er On	S/N	On	Date	Disc #
				-					, ,				
AD	84-10-02	Con	10/25	with	AAI	CP JC	100	1 M/R F	gale	Insp			
			0										
											161		
								•					-
Discrepan	cles (Pilot Initial if No Disc N	loted)	WY	7	Total St	Correc	tive A	ction (Enter Date)		7.1.7	Signatur	e and Certification	Constant Control
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Ime	is detached f	non	wipe	r.	Line	Found.	aHa	wheel to	ربوص.	3/28/12			J.
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	241												
1700 2	28MARIZ ROMA	TP 310	3698										
3) AD	84-10-02 Due				120/11	AD PY	-10	-02 dde	0 6/10	1001 1	n	AP 7115-7.	γ.
-/ 113	(1, 10 00)										- 0		7
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				0	2384/	02355/0	235	57 for chack	s IAU)			
				S	ik cn	m 76-6	5/2	-7 = 2-7A)	Noa	acky N.t.	(3/28/2	010
Record Flu	id Servicing (When Applical	ole)					_	, ,				- 9/2	٥١٠
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rrovisional	Airworthiness Release Pendin	ig Opera	llional Che	ck Flight	on Next L	ogsneet. 🔲	Ain	worthiness Releas	se/Post F	light Inspection	Date:	7/58/1:	2
MX Worksh	neet Page of		HUMS R	eviewed		nitials		-	1	11	JY 305	5779	
*	***Eomyord Vollage Co	2011111	ith Att-	obod (Certification	nol - D	maul	
	Forward Yellow Co	JAY W	IIII WIIG	CITED !	01305,	FICK LICE	iets,	inspection r	VIIIIS,	Lic. to neco	rus De	pariment*	



N 15440 Model S-76C 900H M/R Blade

Rev 1 Page 36-2 Date 15Feb2018

#	SECTION 2.	MECH INIT	CCI	WORK REQ'D? YES NO
	This section is applicable to <u>ALL</u> main rotor blades regardless of P/N or mo	dificatio	on.	
1	Remove main rotor blade. (if not previously removed in "Section 1")	O.		
	Inspect main rotor blade as follows: (Refer to Composite Materials Manual, SA 4047-76-5, Table 201 and paragraph 1.F. for inspection requirements): a. Inspect main rotor blade titanium strip and fiberglass skin per Composite Materials Manual, SA 4047-76-5 paragraph 1.F. b. Inspect main rotor blade comprising: (refer to Table 201) 1. Blade assembly (all surfaces) (a. and b.) a. Visually inspect main rotor blades for burned or disbonded areas indicative of lightening strike damage. 2. Fiberglass skin/Honeycomb core assy., and Trailing edge a. In airfoil contour region (a. thru d.) b. In trailing edge region (a. thru d.) 3. Nickel and titanium leading edge abrasion strips (f. and g.) 4. Root end laminate (d., f., and g.) 5. Trim tab (b.) 6. Airfoil contour and trailing edge region (b.) 7. Blade root end laminated shims for burns or raised edges that could chafe main rotor spindle/cuff mating surface. None allowed. If necessary, replace shims. Refer to paragraph 3.D., Repair Procedure No. 4, 65-10-00, Structural Repair Manual, SA 4047-76-12.	In		V
3	Reinstall main rotor blade.	an	M	LV
	POST INSPECTION	1		
	Inspect aircraft for any loose objects, rigging fixtures, tools, rags, etc.	a		1
2	Ensure that cowlings, doors, inspection panels, and structural panels are properly installed.	an		1

INITIALS	=	SIGNATURE	CERTIFICATE TYPE & NUMBER
Jun	=	Jan NE	3350424ASTP
Ru	=	my	3350424ASTP BRITHEWYING
	=	0	***************************************
	=		
	=		
	=		



154 60 Model S-76C 900H M/R Blade

Rev 1 Page 36-1 Date 15Feb2018

36.1 N 15460

Model S-76C 900H M/R Blade

INSTRUCTIONS: Each listed inspection and/or maintenance function shall be performed in accordance with the applicable maintenance manual and/or PHI Air Medical instructions. Remove all panels, fairings, and cowlings necessary to accomplish the inspection.

Each item listed below will be accomplished at 900 hour, intervals.

Check the appropriate box under work required column, Yes or No. If work was required and the Yes block checked, a logbook entry must be made of the work performed. A CCI may also be necessary.

Review JSAs associated with maintenance task. Develop a JSA, if deemed necessary, before proceeding with a specific task. (Ref: Safety Management System)

References: Sikorsky AMM Publication No. SA 4047-76C-2 and Composites Materials Manual SA 4047-76-5

Applicability: This inspection form is applicable to all main rotor blades. Use a separate form for each main rotor blade.

#	SECTION 1.	MECH INIT	CCI	WORK REQ'D? YES NO
	PPLICABILITY: Section 1 is applicable to the following main rotor blade configurations: 76150-09100-053 and subsequent. 76150-09000-051/-052 modified by CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-046/-049/-050 and 76150-09100-041 through -050 marked RS-004E-II or RS-004F-II or RS-008C CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-045/-047/-048 marked RS-003 and RS-004E-II or RS-004F-II or RS-008C-II and modified by CSN revision (Kit 76070-15003)			
1	Remove main rotor blade.			
L	Remove tip cap assembly. Inspect chordwise tip rib, (Figure 601, 65-11-00) for cracks or disbonding per Table 2-1 (Tip Cap Assembly Removed) requirements of Composite Materials Manual, SA 4047-76-5. [65-11-00]	Que		1
3	Check four tip plate retention bolts (79790H-4-5), for 135 inch-pounds torque (Figure 601, 65-11-00). Re-torque to 135 inch-pounds. Replace all four bolts if any one is below 100 inch-pounds torque. Apply wet zinc chromate primer, Fed. Spec. TT-P-1757 or equivalent, to threads of bolts and washers. Thread and seat each bolt into tip block by hand using appropriate socket and extension bar. Do not use ratchet wrench for this operation. Make sure countersunk side of washer is seated against bolthead. Repeat torque check per Chapter 5-50-00, Chapter 65, item 2, Conditional Maintenance Checks. [65-11-00]	0		1
	Inspect clamp plate, two retention studs, and spar tip block (C-block) internal for-and-aft radius for cracks using inspection mirror and bright light (Figure 601). [65-11-00]. If crack is found, contact Sikorsky Aircraft.	Qu		/
ı	Inspect spar tip block (C-block) to spar bond inside for evidence of corrosion product leaching from bond line. [65-11-00] If corrosion product is found contact Sikorsky Aircraft and replace blade within 340 hours.	Jun		/
	Inspect joint between tip plate and tip block (C-block) for evidence of corrosion. If corrosion is found, remove tip plate and reapply protective finishes per 65-10-00, Structural Repair Manual, SA 4047-76-12. [65-11-00]	Qu		1
	Check clamp plate retention stud nuts for 45 or 110 inch-pounds torque, as applicable (Figure 601). [65-11-00]	Our		V
8	Reinstall tip cap assembly.	hen	me	r



N 15460 Model S-76C 900H M/R Blade

Rev 3 Page 36-3 Date 08Aug2019

Inspection Started: Date 5 /	17/2(
Next Due: Date N/A	A/C T.T. 1166	4:02	
Tech Log: TL3-601575.	-2021	X.	
Main Rotor Blade P/N: 76150	-09100-053	s/n: <u>A086-02357</u>	Biack
Complete the following entry ar	d enter it in the aircraft logbo	ok.	
"I certify that aircraft N 15460 accordance with a PHI Air Medica determined to be in an airworthy	al Model S-76C 900H M/R Blade	, has been inspected e Inspection. All CCI items have been sig	and/or work performed in gned, and the aircraft was
3 126/21	psiNG	3350424	IAMP
Date	Mechanic Sig	nature	A&P Number



PART NO.

76150-09100-053

NOMENCLATURE

MAIN ROTOR BLADE

SERIAL NO.

A086-02355

RED

AIRCRAFT NO.	DATE INSTALLED	DATE REMOVED	AIRCRAFT TIME		NT TIME	251000 500 500
		DATE REMOVED	AIRCRAFT TIME	T.S.O.	Т.Т.	REASON FOR REMOVAL
760477	25Nov1997		NEW	NEW	NEW	
	Entered	71 Mer 1005	4587.9	4587.9	4587.9	- Janord for 900 hr Blad nep
		,				P
		*				
						à
				4		

OVERHAUL INTERVAL	
RETIREMENT TIME	



DATE	REPAIRS OR OVERHAULS	SIGNATURE	CERTIFICATE NO.
	Manufacture Date of Main Rotor Blade: 9-28-97 Manufacture Date of Tip Cap: 9-16-97		
	Balance Weights Installed		
	Forward P/N: 76150-09025-103. Otv. (1)		
28Sept1997	76150-09025-104, Oty. (1) 76150-09025-108, Oty. (1) Aft P/N: 76150-09025-103, Oty. (1) 76150-09025-108, Oty. (1)	Vatolie Wellmaker	SIKORSKY AIRCRAFT QUALITY ASSURANCE
28Sept1997	Blade Painted Hi-Visability per Color Scheme 02.	Satalie Wallmaker	SIKORSKY AIRCRAFT QUALITY ASSURANCE
10-10-11	AD2000-11-52 N/A by S/N, P/C verified	1 (
	by H. Ammers 1-24-07	Odfl.	AP3042957
10-10-11	AD2002-15-51 MA by S/N, blede is not known		400
	to have been struck by lightening.		APSOHZON
2-15-12	AD81-09-07 N/A by P/N.	Diffl-	All3042957
6/18/18	551.76-108 + ASB-76-65-70, BLADE HAS NOT BEEN DH,		
	NO FARTHER ACTION RERVIETO TE-400062-2018 (C)	Thomas L. Luly I 8-21-2018	A603204412
	Inspected Man Rotor Blade IAW ASB-76-65-71 Section 3.C		
12/1/18	and determined to be in airworthy condition. TL-414264- 2018	Thomas F. Ledy 2 3-76. 2019	CINHOCE SASA

Publication #:	ASB-76-65-70		
AD Effective Date:		Amendment #:	
Subject: Main Rotor Blades(M	RB) - One-Time Inspection	of MRB Log Cards that have been	en overhauled
stripped and rebuilt, or repaired t			overnadica,
	·		200 0005
(Effective Part Nomenclature)		- <u>09100-053 </u>	086-02355 (Part S/N)
06/16/2018	•	,	(* 4)
(Compliance Date)	(TT of Part if Kno	wn) (Part Cycles if Know	n or Applicable)
Method(s) of Compliance:			11
Determined MRB has not been o	overhauled, stripped and reb	ouilt, or repaired per ORI 76150-	011 Section 1.
N15460	9998:30		
(Registration Number)	(Aircraft Total Time)	(Work Order or R	epair Order #)
A/C S/N:	760477	_ Tech Log #:TL-400	262-2018
S76C+	Miami FL	_ 🗆	
(Aircraft Type)	(Base Complied With)	(Status Sheet Tracking	Required)
	5493	11 2/1 ATP 30718	206
(Line Number if on Status)	(Employee # of Person Doing Work)	(Signature and Certific	cate Number)
If repetitive NEXT ACTION DU	E:	(E	inter in Logbook)
Forward this as soon as possib	ole. ATTN: Record	is	
NOTIFICATION OF COMPLIAN	ICE IS REQUIRED BY:	6/21/2018	
Comply with instructions to revie	ew MRB log cards IAW ASE	-76-65-70.(latest Rev) Ref SSI-	76-108
Notify project coordinator to mal	ke adjustments to MRB log	cards.	
Complete RAMCO sign off of S	SI-76-108 at the same time	as ASB-76-65-70 sign off.	
Make an appropriate logbook er (Logbook entry requirements for	ntry as per GMM Vol 2, Cha (bulletins,letters,etc.)	pter 2 Para 2-104, Chapter 3 se	ction 1 para 3-9
Air Medical = Make an appropri	ate logbook entry as per GM	1M Vol 2 Para 3.1.4.	
Complete PHI compliance form Sign off in RAMCO.	and send to Records		

Publication #:	SSI-76-108		_	
AD Effective Date:			Amendment #:	
Subject: ROTORS - Main Rotor Bl	ades (MRB) - Ad	ustment of M	RB Log Cards	
(Effective Part Nomenclature)		76150-09100 (Part Numbe		A086-02355 (Part S/N)
06/16/2018		(i dit italiibe	•,	(Fait 3/14)
(Compliance Date)	(TT of Par	t if Known)	(Part Cycles if Kı	nown or Applicable)
Method(s) of Compliance:		·		11,
Determined MRB has not been overl	nauled, stripped a	and rebuilt, or	repaired per ORI 7615	50-011 Section 1.
N15460	9998:30			
(Registration Number)	(Aircraft Total Ti	me)	(Work Order o	r Repair Order #)
A/C S/N:760	477	Tec	h Log #:TL-4	100262-2018
S76C+	Miami FL	<u>. </u>		
(Aircraft Type)	(Base Complied	d With)	(Status Sheet Track	ing Required)
	5493		KA Ell ATP 30	7081806
(Line Number if on Status)	(Employee # o		(Signature and Cer	tificate Number)
If repetitive NEXT ACTION DUE:				(Enter in Logbook)
Forward this as soon as possible.	ATTN: F	Records		
NOTIFICATION OF COMPLIANCE	IS REQUIRED B	Y:	6/21/2018	3
Comply with instructions to review N	1001			
Combis with mondonous to texters if	IRB log cards IA	W SSI-76-108	B.(latest Rev)	
Notify project coordinator to make a			3.(latest Rev)	·
	djustments to MF	RB log cards.		
Notify project coordinator to make a	djustments to MF 76-65-70 at the sa as per GMM Vol	RB log cards. ame time as 9 2, Chapter 2	SSI-76-108 sign off.	section 1 para 3-9
Notify project coordinator to make a Complete RAMCO sign off of ASB-7	djustments to MF '6-65-70 at the sa as per GMM Vol illetins,letters,etc	RB log cards. ame time as \$ 2, Chapter 2	SSI-76-108 sign off. Para 2-104, Chapter 3	section 1 para 3-9
Notify project coordinator to make a Complete RAMCO sign off of ASB-7 Make an appropriate logbook entry (Logbook entry requirements for (but	djustments to MF 76-65-70 at the sa as per GMM Vol Illetins,letters,etc ogbook entry as	RB log cards. ame time as \$ 2, Chapter 2) per GMM Vol	SSI-76-108 sign off. Para 2-104, Chapter 3	section 1 para 3-9
Notify project coordinator to make a Complete RAMCO sign off of ASB-7 Make an appropriate logbook entry (Logbook entry requirements for (but Air Medical = Make an appropriate I Complete PHI compliance form and	djustments to MF 76-65-70 at the sa as per GMM Vol Illetins,letters,etc ogbook entry as	RB log cards. ame time as \$ 2, Chapter 2) per GMM Vol	SSI-76-108 sign off. Para 2-104, Chapter 3	section 1 para 3-9
Notify project coordinator to make a Complete RAMCO sign off of ASB-7 Make an appropriate logbook entry (Logbook entry requirements for (but Air Medical = Make an appropriate to Complete PHI compliance form and	djustments to MF 76-65-70 at the sa as per GMM Vol Illetins,letters,etc ogbook entry as	RB log cards. ame time as \$ 2, Chapter 2) per GMM Vol	SSI-76-108 sign off. Para 2-104, Chapter 3	section 1 para 3-9

, ,,,,,,,,,				•••
BLADE:	_RED_	BLACK	YELLOW	BLUE
P/L clicks: TAB mils:			↓0.3	
TAB mils:	↑ 0.1		+3.59	<u>↑2.4</u>
m, 102.				
S-76B	∕C #N15	460 RUN	1 SOLUT	CON

MAKE ALL CHANGES!

† means make blade fly hisher
with pitch link or tab.
(Up tab makes blade fly hisher.)

All chanses made from present settings. NOT from zero!

Sikorsky S-76B/C M/R, Smart, w/ Track Smart Chart #12586-4

Revision Date: 22 Apr 96

Tail Number: N15460

Run Number: 1

Data Acquired: 15:50:24 21 JAN 2018

Frequency: 314 RPM

107% Ground Roll: 0.335 IPS @ 4:09 Hover Roll: 0.069 IPS @ 3:00 145 KIAS Roll: 0.094 IPS @ 1:39 145 KIAS Vertical: 0.130 IPS @ 9:27

Current solution options:

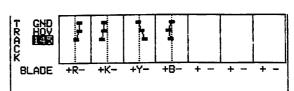
Use P/L: YES Tab: YES Weight: YES

Iterations: 2

Ground Goal: 0.134 IPS Flight Goal: 0.052 IPS

Current weight (lbs) and tab (mils) settings for each blade:

BLADE	RED	BLACK	YELLOW	BLUE
TAB: WEIGHT:			+ 0.0 +0.00	+ 0.0 +0.00



Track Measurements (MILLIMETERS):

Blade	R	K	<u>Y</u>	B
GND	-10	+7	+4	-1
HOV	-10	+6	-4	+8
145	-3	+13	-13	+4

Lead(+)/Lag(-) in MILLIMETERS:

Blade	R	K	<u> Y</u>	B
GND	-1	-6	0	+8
HOV	+13	-19	+13	-6
145	+3	-18	+8	+7

Measurements are relative to blade MEAN

Logsheet No. 60728

	neck done per RFM.	Reg. No.	A/C S/N Rad		VOR Station & Accuracy	
	ed airworthy this date.	W15460	760477 0 5	11.5.	And the second of the second o	100 hr/1-month.)
Date: 27	MARIV LOCKUSE	Check Appropriate Box: Pr Alt OAT NR	Engine Trend [Torque Eng.	Power Check Ng	тот	5×5
900	11 4783103498		1			3/31/12
Pilot's Sig	nature & Certification		2		Taken Inches	FOQA Downloaded
and adjusted	A/C TT	Starts	Eng 1 TT	Eng 1 GG Cyc	· ·	- Joice
Previous	7882.1	2273	6564.6	11,257,	1 7870.	3
Today	3,7.	1	3.7		7 4	6
Total	7885.8	2280	6568.3	11,263,		, 1
Legistic Parkett	Flights	Slings /	Eng 2 TT			o Joies
Previous	22103		3700.1	5332.		
Today	7	/	3.7	5.0		.6
Total	22110	, , , , , , , , , , , , , , , , , , ,	3703,8 worthiness Directives as	5 3 3 7 , G		. 5
Inspe	ction, AD or SB Number	Component S/N		of Compliance	Date	Signature & Certification
	4-10-02	A086-02356	WIAWAD B	4-10-02	3/28/12 1	DAP 81305379
	4-10-02	A 086 - 02 35 4		94-10-02	3/28/12	PH @3065739
	54-11-02	A086-02355	YW JAW AS		3/28/12	My At3065339
	34-10-05	A086-0235			3/28/17 0 40	P AND BP3065339.
_		7		n/IMO INSP	3/28/12	A 2x78
1	ocha/Inouth Inse			- Screws Tight wes		2ht 14 525779
71-5	Gven Sum IND		Serialized Components I	nstallation / Removal		
		Part Number Off		Part Numbe	r On S/N	On Date Disc #
AT	84-10-02	complies	with AAI	P 500H P	1/R Blade	Fingo
	now was the constitution that the second of the second				Land of the state	
Discrepa	ncies (Pilot Initial if No Disc I	Noted) 4 // /	Correctiv	ve Action (Enter Date)		Signature and Certification
1) Pil	ots Right nede	al brake is	Bled R/H bes	Ke And Ser	viced. It	14/AP3065339
C < 5.	oncoyand less	- 1.			3/28/12	
30	51 gara as	of the state of th			2,00,12	
		d . /				
0700	28MARIZ @	(UN ATP3103698				
		,				
3 P. I	1 . 11.11 .	1 /1:1	(A)		F1 '0 \	PN Onn
2) ril	ats windshield ill	asher flyxl	5 Pilots Wind	2.40 3349 10	, -	T N AN 7065334
line	is do tached	from wiper.	Line found a	Hoched to U	Par. 3/28/12	
		'				7
	2.111					
1700.	ZEMARIZ ROLL	ATP 3103698				
	,					
7) AT	84-10-02 Du	6	120/WAD E4-	10-02 44-0	6/10/00	11 AP 701 - 27
-1/11	11-10 02 30					JOILE JA
		1	Dspected-M/nb	lades \$1,086	-02356/	
			02354/02355/03	2357 for Chacks	IAW	
			IK CMM 76-5			1 3/28/2012
Record F	uid Servicing (When Applica			ナーナーノーナトノ	JOURN DIOSTE	71 2 6/2012
necoru ri	and controlling (which Applice					
Provisiona	l Airworthiness Release Pendi	ng Operational Check Fligh	t on Next Logsheet.	Airworthiness Release	Post Flight Inspection	Date: 3/28/12
MX Works	heet Page of _	HUMS Reviewed	l:		111	AP 2065779
			Initiale		1 = 1 (15)	1 . 1/2-01

Publication #:	ASB-76-65-7	'1			
AD Effective Date:			Amendment	t #:	
Subject: ROTORS - Main Rotor Bl	ades - One-Tir	ne Inspection	on of Main Rotor Bl	ade (MRB) for Sk	kin Disbonds
			9100-053	A086-02	
(Effective Part Nomenclature)		(Part Nu	ımber)	(Part	S/N)
12/07/2018 (Compliance Date)	(TT of F	Part if Knowr	(Part C	cles if Known or A	pplicable)
Method(s) of Compliance:	•		, (,	pp00010)
Inspected Main Rotor Blade IAW SB	376-65-71 Sec	tion 3.C and	d determined to be	in airworthy cond	ition.
N15460	10,162:3	5			
(Registration Number)	(Aircraft Total	Time)	(Work	Order or Repair (Order #)
A/C S/N:760)477		Tech Log #:	TL-414264-2	018
S76C+	Miami	FL			
(Aircraft Type)	(Base Compl	ied With)	(Status She	et Tracking Requi	ired)
	5493		1 Sul Gl	/ A4P 304180	
(Line Number if on Status)	(Employee Person Doing		(Signature	and Certificate No	umber)
If repetitive NEXT ACTION DUE:				(Enter i	n Logbook)
Forward this as soon as possible.	ATTN:	Records			
NOTIFICATION OF COMPLIANCE	IS REQUIRED	BY:	01,	/14/2019	
Comply with visual inspection of MF ASB-76-65-71.(latest Rev)	RB for erosion o	causing ski	n disbonds and rep	air MRB as nece	ssary IAW
NOTE: Enter Method of compliance	in RAMCO ted	ch-log EO s	sign off comments.		
Make an appropriate logbook entry (Logbook entry requirements for (bu	as per GMM V ılletins,letters,e	ol 2, Chapt etc.)	er 2 Para 2-104, Cl	hapter 3 section	l para 3-9
Air Medical = Make an appropriate I	ogbook entry a	as per GMM	1 Vol 2 Para 3.1.4.		
Complete PHI compliance form and	send to Recor	rds			
Sign off in RAMCO.					
Sign off in HAWICO.					
Sign off in HAWICO.					

• PHI-915-COMPLIANCE-002



1 15460

Model S-76C 900H M/R Blade

Rev 1 Page 36-1 Date 15Feb2018

36.1 N 15440

Model S-76C 900H M/R Blade

INSTRUCTIONS: Each listed inspection and/or maintenance function shall be performed in accordance with the applicable maintenance manual and/or PHI Air Medical instructions. Remove all panels, fairings, and cowlings necessary to accomplish the inspection.

Each item listed below will be accomplished at 900 hour, intervals.

Check the appropriate box under work required column, Yes or No. If work was required and the Yes block checked, a logbook entry must be made of the work performed. A CCI may also be necessary.

Review JSAs associated with maintenance task. Develop a JSA, if deemed necessary, before proceeding with a specific task. (Ref: Safety Management System)

References: Sikorsky AMM Publication No. SA 4047-76C-2 and Composites Materials Manual SA 4047-76-5

Applicability: This inspection form is applicable to all main rotor blades. Use a separate form for each main rotor blade.

#	SECTION 1.	MECH INIT	CCI	WORK REQ'D? YES NO
A	PPLICABILITY: Section 1 is applicable to the following main rotor blade configurations:			
	76150-09100-053 and subsequent. 76150-09000-051/-052 modified by CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-046/-049/-050 and 76150-09100-041 through -050 marked RS-004E-II or RS-004F-II or RS-008C CSN 76-167 or later revision (Kit 76070-15003). 76150-09000-045/-047/-048 marked RS-003 and RS-004E-II or RS-004F-II or RS-008C-II and modified by CSN revision (Kit 76070-15003)			15
1	Remove main rotor blade.	0	(Alexandra)	
	Remove tip cap assembly. Inspect chordwise tip rib, (Figure 601, 65-11-00) for cracks or disbonding per Table 2-1 (Tip Cap Assembly Removed) requirements of Composite Materials Manual, SA 4047-76-5. [65-11-00]	gn On		1
3	Check four tip plate retention bolts (79790H-4-5), for 135 inch-pounds torque (Figure 601, 65-11-00). Re-torque to 135 inch-pounds. Replace all four bolts if any one is below 100 inch-pounds torque. Apply wet zinc chromate primer, Fed. Spec. TT-P-1757 or equivalent, to threads of bolts and washers. Thread and seat each bolt into tip block by hand using appropriate socket and extension bar. Do not use ratchet wrench for this operation. Make sure countersunk side of washer is seated against bolthead. Repeat torque check per Chapter 5-50-00, Chapter 65, item 2, Conditional Maintenance Checks. [65-11-00]	1		1
	Inspect clamp plate, two retention studs, and spar tip block (C-block) internal for-and-aft radius for cracks using inspection mirror and bright light (Figure 601). [65-11-00]. If crack is found, contact Sikorsky Aircraft.	(Ju		1
	Inspect spar tip block (C-block) to spar bond inside for evidence of corrosion product leaching from bond line. [65-11-00] If corrosion product is found contact Sikorsky Aircraft and replace blade within 340 hours.	an		V
	Inspect joint between tip plate and tip block (C-block) for evidence of corrosion. If corrosion is found, remove tip plate and reapply protective finishes per 65-10-00, Structural Repair Manual, SA 4047-76-12. [65-11-00]	2		V
	Check clamp plate retention stud nuts for 45 or 110 inch-pounds torque, as applicable (Figure 601). [65-11-00]	7		V
8	Reinstall tip cap assembly.	Our	M	- 1



N15460

___ Model S-76C 900H M/R Blade

Rev 1 Page 36-2 Date 15Feb2018

#	SECTION 2.	MECH INIT	CCI	WORK REQ'D? YES NO
	This section is applicable to <u>ALL</u> main rotor blades regardless of P/N or more	dification	on.	4
1	Remove main rotor blade. (if not previously removed in "Section 1")	0,-		1/
	Inspect main rotor blade as follows: (Refer to Composite Materials Manual, SA 4047-76-5, Table 201 and paragraph 1.F. for inspection requirements): a. Inspect main rotor blade titanium strip and fiberglass skin per Composite Materials Manual, SA 4047-76-5 paragraph 1.F. b. Inspect main rotor blade comprising: (refer to Table 201) 1. Blade assembly (all surfaces) (a. and b.) a. Visually inspect main rotor blades for burned or disbonded areas indicative of lightening strike damage. 2. Fiberglass skin/Honeycomb core assy., and Trailing edge a. In airfoil contour region (a. thru d.) b. In trailing edge region (a. thru d.) 3. Nickel and titanium leading edge abrasion strips (f. and g.) 4. Root end laminate (d., f., and g.) 5. Trim tab (b.) 6. Airfoil contour and trailing edge region (b.) 7. Blade root end laminated shims for burns or raised edges that could chafe main rotor spindle/cuff mating surface. None allowed. If necessary, replace shims. Refer to paragraph 3.D., Repair Procedure No. 4, 65-10-00, Structural Repair Manual, SA 4047-76-12.	Ju.		✓
3	Reinstall main rotor blade.	he	M	1/
	POST INSPECTION	/		
L	Inspect aircraft for any loose objects, rigging fixtures, tools, rags, etc.	h		1
2	Ensure that cowlings, doors, inspection panels, and structural panels are properly installed.	an		1

INITIALS	=	SIGNATURE	CERTIFICATE TYPE & NUMBER
Pen	=	ant	3350424AD
m	=	my	3350424A20
	=	0	
	=		
	=		
	=		



N_15460 Model S-76C 500H M/R Blade

Rev 3 Page 28-3 Date 08Aug2019

Inspection Started: Date 3/17	121			
Next Due: Date N/A	A/C T.T	11264:02	and I want	
Tech Log: 113-001575	-2021			
M/R Blade P/N: 76150 - 0910	10-053	S/N: A084-02355	RED	
Complete the following entry and	l enter it in the aircra	ft logbook.		
accordance with a PHI Air Medical have been signed, and the aircraf paragraph (a) was accomplished b Materials Manual, SA-4047-76-5, p	Model S-76C 500H M t was determined to be y inspecting the main	/R Blade Inspection on M/R Blade e in an airworthy condition. Compl rotor blade spar for cracks in acco . Next inspection due at aircraft to	een inspected and/or work performed in S/N A000-02355 All CCI ite ance with AD 84-10-02, dated June 14, ordance with the Sikorsky S-76 Composite tal time 11264:02 "	1984.
Date		anic Signature	A&P Number	



N i 5460 Model S-76C 900H M/R Blade

Rev 3 Page 36-3 Date 08Aug2019

Date	Mechanic Si	gnature	A&P Number	
5126121	for NI	3350424	3350UJUA	
"I certify that aircraft N 15460 accordance with a PHI Air Medical N determined to be in an airworthy co	, total time <u>i <i>D "</i></u> Model S-76C 900H M/R Blac ndition."	기(년 : 0구, has been inspected le Inspection. All CCI items have been si	and/or work performed in gned, and the aircraft was	
Complete the following entry and				
Main Rotor Blade P/N: 76150 -	09100-653	SIN: A086-02355	RED	
Tech Log: TL3 - 001 575- 20)) (70		
Next Due: Date N/A	A/C T.T	64:02		
Inspection Started: Date 5 11				