INSPECTION	REQUIREMENT	LOCATION	RESULT	INSPECTION DATE AND LOCATION
		BOLT 1	No Defect Noted	Inspection Completed in Houma
39-A-62-21-00-00A-286A-A -> Main rotor head retaining bolts - Detailed inspection (Bolts Torque Check)		BOLT 2	No Defect Noted	Inspection Completed in Houma
		BOLT 3	No Defect Noted	Inspection Completed in Houma
		BOLT 4	No Defect Noted	Inspection Completed in Houma
		BOLT 5	No Defect Noted	Inspection Completed in Houma
	1/5 Nm (If previous reforming (7/M))	BOLT 6	No Defect Noted	Inspection Completed in Houma
		BOLT 7	No Defect Noted	Inspection Completed in Houma
		BOLT 8	No Defect Noted	Inspection Completed in Houma
		BOLT 9	No Defect Noted	Inspection Completed in Houma
		BOLT 10	No Defect Noted	Inspection Completed in Houma
		BOLT 11	No Defect Noted	Inspection Completed in Houma
		BOLT 12	No Defect Noted	Inspection Completed in Houma
		BLACK	No Defect Noted	Completed at Heli-Works 12-5-2012
		BLUE	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-62-22-00-00A-285A-B -> Tension links - General	GVI FOR CONDITION AND	RED	No Defect Noted	Completed at Heli-Works 12-5-2012
visual inspection (Evidence of significant damages)	DAMAGE	ORANGE	No Defect Noted	Completed at Heli-Works 12-5-2012
		WHITE	No Defect Noted	Completed at Heli-Works 12-5-2012
		BLACK	No Defect Noted	Completed at Heli-Works 12-5-2012
		BLUE	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-62-22-00-00A-286C-A -> Elastomeric bearings -	GVI FOR CONDITION AND DAMAGE	RED	No Defect Noted	Completed at Heli-Works 12-5-2012
Detailed inspection (Evidence of significant damages)		ORANGE	No Defect Noted	Completed at Heli-Works 12-5-2012
		WHITE	No Defect Noted	Completed at Heli-Works 12-5-2012
		BLACK	No Defect Noted on initial inspection	
			(Reinspection suggested to examine for soft	Inspection Completed in Houma
			FOD	
		BLUE	No Defect Noted on initial inspection	
			(Reinspection suggested to examine for soft	Inspection Completed in Houma
			FOD	
		RED	No Defect Noted on initial inspection	
39-A-62-11-01-00A-286A-B -> Main rotor blade* - Detailed inspection (Condition and Damages)			(Reinspection suggested to examine for soft	Inspection Completed in Houma
			FOD	
		ORANGE	No Defect Noted on initial inspection	
			(Reinspection suggested to examine for soft	Inspection Completed in Houma
			FOD	
		WHITE	No Defect Noted on initial inspection	
			(Reinspection suggested to examine for soft	Inspection Completed in Houma
			FOD	
39-A-62-31-01-00A-720A-A -> Pitch Link Installation - Length Check	MEASURE LENGTH OF EACH PITCH LINK FROM BEARING CENTER TO BEARING CENTER 442 97MM - 451 85MM	BLACK	446.10MM	
		BLUE	446.10MM	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$
		RED	447.675MM	Completed on 12/13/2012 post realization of pitch link rod ends
		ORANGE	448.47MM	defects
		WHITE	446.90MM	1

39-A-62-31-00-00A-286B-A -> Pitch links - Detailed UPPER AND LOWER 54 - 67 Nm TORQUE WRENCH CAL: MDS CAL LAB MDS ID: 0079E CAL DATE: 14NOV12 106.5 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing 2012.   0.02MM Axial Play on Bearing Also noted lower rod end free to rotate approximately 30 degrees due to lost torque on jamnut and loose safety wire. 106.5 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing Pitch Links approval on 12/13/201   0.02MM Axial Play on Bearing Mos in: 00.79 E CAL DATE: 14NOV12 0.87NGE LOWER 39.9 Nm First Movement Installation Bolt 0.0MM Axial Play on Bearing 12/13/201   0RANGE UPPER 59.9 Nm First Movement Installation Bolt 0.13MM Axial Play on Bearing 12/13/201   0HITE LOWER 97.5 Nm First Movement Installation Bolt 0.13MM Axial Play on Bearing 110 Nm First Movement Installation Bolt 0.25MM Axial Play on Bearing 110 Nm First Movement Installation Bolt 0.25MM Axial Play on Bearing   39-A-62-31-00-00A-286C-A -> Fixed swashplate and rotating scissors - Detailed inspection (Fixed Swashplate and rotating scissors - Detailed inspection (Fixed Swashplate and FixeD SWASHPLATE PLAY N/A 0.875MM Completed	INSPECTION	REQUIREMENT	LOCATION	RESULT	
BLACK UPPER   0.25MM Axial Play on Bearing     BLUE LOWER   113.8 Nm First Movement Installation Bolt 0.1MM Axial Play on Bearing     BLUE LOWER   69.8 Nm First Movement Installation Bolt 0.3MM Axial Play on Bearing     BLUE UPPER   69.8 Nm First Movement Installation Bolt 0.3MM Axial Play on Bearing     BLUE UPPER   69.8 Nm First Movement Installation Bolt 0.3MM Axial Play on Bearing     BLUE UPPER   7.1 Nm First Movement Installation Bolt 0.2MM     TORQUE of INSTALLATION BOLTS UPPER AND LOWER 54 - 67 Nm TORQUE of INSTALLATION BOLTS UPPER AND LOWER 54 - 67 Nm TORQUE WERNGT CALL MDS CAL LAB MDS IC: 072F CAL DATE: 14NOV12 DUE: 13NOV13   106.5 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing   PCL Install 2012     RED LOWER   7.5 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing   PCL Install 2012     ORANGE LOWER   36.5 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing   PCL Install 2012     ORANGE UPPER   59.9 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing   PCL Install 2013/201     WHITE LOWER   37.5 Nm First Movement Installation Bolt 0.13MM Axial Play on Bearing   PCL Install 2012/21/201     B3-4.62.31.00-004.286C-A   Fixed swashplate and 0.30MM   FixED SWASHPLATE PLAYC 3.0MM   N/A   0.875MM   Completed		DI FOR BALL BEARING PLAY: < 0.2MM TORQUE of INSTALLATION BOLTS UPPER AND LOWER 54 - 67 Nm TORQUE WRENCH CAL: MDS CAL LAB MDS ID: 0079E CAL DATE: 14NOV12 DUE: 13NOV13	BLACK LOWER		PCL Installa 2012.
39-A-62-31-00-00A-2866-A -> Pitch links - Detailed DI FOR BALL BEARING PLAY: <			BLACK UPPER		
39-A-62-31-00-00A-286B-A > Pitch links - Detailed inspection (Ball bearing play) Di FOR BALL BEARING PLAY: < 0.2MM			BLUE LOWER		
39-A-62-31-00-00A-286B-A -> Pitch links - Detailed DI FOR BALL BEARING PLAY: <			BLUE UPPER		
39-A-62-31-00-00A-286B-A > Pitch links - Detailed 0.2MM TORQUE of INSTALLATION BOLTS RED UPPER 71.1 Nm First Movement Installation Bolt 2012.   39-A-62-31-00-00A-286B-A > Pitch links - Detailed Inspection (Ball bearing play) 106.5 Nm First Movement Installation Bolt 0.02MM Axial Play on Bearing Pitch Linstalia   MDS ID: 0079E CAL DATE: 14N0V122 DUE: 13N0V13 Inspection (Ball bearing play) 106.5 Nm First Movement Installation Bolt 0.2/JAVE Pitch Linstalia   MDS ID: 0079E CAL DATE: 14N0V122 DUE: 13N0V13 Inspection (Ball bearing play) 106.5 Nm First Movement Installation Bolt 0.2/JAVE Pitch Linstalia   MDS ID: 0079E CAL DATE: 14N0V122 DUE: 13N0V13 Inspection (Ball bear of the to rotate approximately 30 degrees due to lost torque on jamut and loose safety wire. Pitch Linstaliation Bolt 0.2/JAVE Pitch Linstaliation Bolt 12/JA/201   MITE LOWER 97.5 Nm First Movement Installation Bolt 0.0MM Axial Play on Bearing 100.2SMM Axial Play on Bearing 10.2SMM Axial Play on Bearing 10.3MM Axial Play on Bearing 10.4So noted Upper rod end free to rotate approximately 10 degrees due to lost torque on jamut and index washer 0.2SMM Axial Play on Bearing 10.2SMM Axial Play on Bearing 10.2SMM Axial Play on Bearing 10.2SMM Axial Pl			RED LOWER		
39-A-62-31-00-00A-286B-A -> Pitch links - Detailed TORQUE WRENCH CAL: MDS CAL LAB MDS ID: 0079E CAL DATE: 14N0V12 DUE: 13N0V13 106.5 Nm First Movement Installation Bolt 0.03MM Axial Play on Bearing Also noted lower rod end free to rotate approximately 30 degrees due to lost torque on jamnut and loses safety wire. Pitch links -   ORANGE UPPER 59.9 Nm First Movement Installation Bolt 0.0MM Axial Play on Bearing 12/13/201.   WHITE LOWER 59.9 Nm First Movement Installation Bolt 0.0MM Axial Play on Bearing 110 Nm First Movement Installation Bolt 0.0MM Axial Play on Bearing 110 Nm First Movement Installation Bolt 0.13MM Axial Play on Bearing   WHITE LOWER 97.5 Nm First Movement Installation Bolt 0.13MM Axial Play on Bearing Also noted upper rod end free to rotate approximately 10 degrees due to false torque on jamnut and index washer combination.   39-A-62-31-00-00A-286C-A -> Fixed swashplate and 3.0MM FixED SWASHPLATE PLAY 3.0MM N/A 0.875MM Completed			RED UPPER		
ORANGE UPPER 0.0MM Axial Play on Bearing   WHITE LOWER 97.5 Nm First Movement Installation Bolt   0.13MM Axial Play on Bearing   WHITE LOWER   110 Nm First Movement Installation Bolt   0.25MM Axial Play on Bearing   Also noted upper rod end free to rotate   approximately 10 degrees due to false   torque on jamnut and index washer   combination.   39-A-62-31-00-00A-286C-A -> Fixed swashplate and   FIXED SWASHPLATE PLAY   N/A 0.875MM   Completed			ORANGE LOWER	0.03MM Axial Play on Bearing Also noted lower rod end free to rotate approximately 30 degrees due to lost	
WHITE LOWER 0.13MM Axial Play on Bearing   110 Nm First Movement Installation Bolt 0.25MM Axial Play on Bearing   Also noted upper rod end free to rotate approximately 10 degrees due to false   torque on jamnut and index washer combination.   39-A-62-31-00-00A-286C-A -> Fixed swashplate and   FIXED SWASHPLATE PLAY N/A   0.875MM 0.875MM			ORANGE UPPER		
Best State <td></td> <td>WHITE LOWER</td> <td></td>			WHITE LOWER		
rotating scissors - Detailed inspection (Fixed Swashplate and 3.0MM 0.875MM Completed			WHITE UPPER	0.25MM Axial Play on Bearing Also noted upper rod end free to rotate approximately 10 degrees due to false torque on jamnut and index washer	
rotating scissors - Detailed inspection (Fixed Swashplate and 3.0MM	· · ·		N/A	0.875MM	Completed

## INSPECTION DATE AND LOCATION

allation Bolt Torque check Completed at Heli-Works 12-6-

nks brought back to AWPC for bearing play checks per Il of Tim Hayes (FAA). Detailed inspection occurred on 2012 at AWPC.

ed at Heli-Works 12-6-2012

ed at Heli-Works 12-6-2012

INSPECTION	REQUIREMENT	LOCATION	RESULT	INSPECTION DATE AND LOCATION
		BOLT 1	32.8 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 2	30.8 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 3	35.5 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 4	33.8 Nm First Movement	Completed at Heli-Works 12-6-2012
	TORQUE CHECK:	BOLT 5	32.6 Nm First Movement	Completed at Heli-Works 12-6-2012
	15.3 - 20.3 Nm CC FROM SCISSORS INSIDE OF PITCH LINK ATTACHMENT TORQUE WRENCH CAL:	BOLT 6	30.7 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 7	27.5 Nm First Movement	Completed at Heli-Works 12-6-2012
39-A-62-31-06-00A-286A-A -> Swashplate - Rotating		BOLT 8	29.3 Nm First Movement	Completed at Heli-Works 12-6-2012
swashplate and duplex bearing attaching parts - Detailed		BOLT 9	33.4 Nm First Movement	Completed at Heli-Works 12-6-2012
inspection (Bolts Torque Check)	MDS CAL LAB	BOLT 10	33.9 Nm First Movement	Completed at Heli-Works 12-6-2012
	MDS ID: 0079E	BOLT 11	35.8 Nm First Movement	Completed at Heli-Works 12-6-2012
	CAL DATE: 14NOV12	BOLT 12	33.3 Nm First Movement	Completed at Heli-Works 12-6-2012
	DUE: 13NOV13	BOLT 13	33.7 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 14	31.8 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 15	26.2 Nm First Movement	Completed at Heli-Works 12-6-2012
		BOLT 16	31.1 Nm First Movement	Completed at Heli-Works 12-6-2012
39-A-62-31-06-00A-321A-A -> Swashplate - Duplex bearing - Operational Check (Duplex Bearing Roughness Check)	ROUGHNESS CHECK	N/A	No Defect Noted	Completed at Heli-Works 12-6-2012
39-A-62-31-06-00A-321C-A -> Swashplate - Stationary	TILT FORCE 12-14 Kgf	POSITION 1	Correcty Tooling not available on-site, must	TBD
swashplate - Operational Check (Friction Check)	WITHIN 0.06 Kgf OF EACH OTHER	POSITION 2	be performed at another time	TBD
swashplate - Operational Check (Thetion Check)	WITHIN 0.00 Kgi OF EACH OTHER	POSITION 3	be performed at another time	ТВО
		AFT RH LOWER	138.1 Nm First Movement	Completed at Heli-Works 12-6-2012
		AFT RH UPPER	83.2 Nm First Movement	Completed at Heli-Works 12-6-2012
39-A-67-31-0X-00A-720A-A -> Number X servoactuator -	- TORQUE CHECK:	AFT LH LOWER	109.0 Nm First Movement	Completed at Heli-Works 12-6-2012
Install procedures (Bolts Torque Check)	61-84 Nm	AFT LH UPPER	104.4 Nm First Movement	Completed at Heli-Works 12-6-2012
		FWD UPPER	119.0 Nm First Movement	Completed at Heli-Works 12-6-2012
		FWD LOWER	106.4 Nm First Movement	Completed at Heli-Works 12-6-2012
39-A-67-31-00-00A-286A-B -> Main rotor servoactuator installation - Servoactuator attachment bolts - Detailed inspection (Bolts Condition and Damage)	BOLT CONDITION AND DAMAGE	AFT RH LOWER	No Defect Noted	Completed at Heli-Works 12-6-2012
		AFT RH UPPER	No Defect Noted	Completed at Heli-Works 12-6-2012
		AFT LH LOWER	No Defect Noted	Completed at Heli-Works 12-6-2012
		AFT LH LOWER	No Defect Noted	Completed at Heli-Works 12-6-2012
		FWD UPPER	No Defect Noted	Completed at Heli-Works 12-6-2012
		FWD LOWER	No Defect Noted	Completed at Heli-Works 12-6-2012
39-A-63-41-01-00A-520A-A -> Left chip detector (main gearbox) - Remove procedures (Presence of chips particles)	PRESENCE OF CHIPS AND PARTICLES	LEFT	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-63-41-02-00A-520A-A -> Right chip detector (main gearbox) - Remove procedures (Presence of chips particles)	PRESENCE OF CHIPS AND PARTICLES	RIGHT	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-63-41-03-00A-520A-A -> Top chip detector (main gearbox) - Remove procedures (Presence of chips particles)	PRESENCE OF CHIPS AND PARTICLES	ТОР	No Defect Noted	Completed at Heli-Works 12-5-2012

INSPECTION	REQUIREMENT	LOCATION	RESULT	INSPECTION DATE AND LOCATION
		FWD LEFT FITTING AFT RT	No Defect Noted	Inspection Completed in Houma
		FWD LEFT FITTING AFT LT	No Defect Noted	Inspection Completed in Houma
		FWD LEFT FITTING FWD	No Defect Noted	Inspection Completed in Houma
		FWD RIGHT FITTING AFT RT	No Defect Noted	Inspection Completed in Houma
		FWD RIGHT FITTING AFT LT	No Defect Noted	Inspection Completed in Houma
	CONDITION AND TORQUE CHECK	FWD RIGHT FITTING FWD	No Defect Noted	Inspection Completed in Houma
39-A-63-30-00-00A-286A-A -> Main gearbox mounts and attachments - Components - Detailed inspection (Condition and Bolts Torque Check)		AFT LEFT FITTING AFT RH	No Defect Noted	Inspection Completed in Houma
		AFT LEFT FITTING AFT LT	No Defect Noted	Inspection Completed in Houma
		AFT LEFT FITTING FWD RT	No Defect Noted	Inspection Completed in Houma
		AFT LEFT FITTING FWD LT	No Defect Noted	Inspection Completed in Houma
		AFT RIGHT FITTING AFT RH	No Defect Noted	Inspection Completed in Houma
		AFT RIGHT FITTING AFT LT	No Defect Noted	Inspection Completed in Houma
		AFT RIGHT FITTING FWD RT	No Defect Noted	Inspection Completed in Houma
		AFT RIGHT FITTING FWD LT	No Defect Noted	Inspection Completed in Houma
		FWD LEFT UPPER		GVI Completed at Heli-Works 12-5-2012 TBD Tq Check
		FWD LEFT LOWER		GVI Completed at Heli-Works 12-5-2012 TBD Tg Check
		FWD RIGHT UPPER	No defect noted on GVI. Additional tooling	GVI Completed at Heli-Works 12-5-2012 TBD Tg Check
39-A-63-31-00-00A-286B-A -> Main gearbox mount		FWD RIGHT LOWER	will be needed at a later date to unload the	GVI Completed at Heli-Works 12-5-2012 TBD Tg Check
installation - Detailed inspection (Condition and Bolts Torque		AFT LEFT UPPER	MGB and perform a torque check on the	GVI Completed at Heli-Works 12-5-2012 TBD Tg Check
Check)		AFT LEFT LOWER	bolts if deemed necessary.	GVI Completed at Heli-Works 12-5-2012 TBD Tq Check
		AFT RIGHT UPPPER		GVI Completed at Heli-Works 12-5-2012 TBD Tq Check
		AFT RIGHT LOWER		GVI Completed at Heli-Works 12-5-2012 TBD Tq Check
		LEFT FWD	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-53-10-00-00A-286A-A -> Forward section - Main		RIGHT FWD	No Defect Noted	Completed at Heli-Works 12-5-2012
gearbox rod attachment structure - Detailed inspection	CONDITION AND DAMAGE	LEFT AFT	No Defect Noted	Completed at Heli-Works 12-5-2012
(Condition and damage)		RIGHT AFT	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-53-10-00-00A-286B-A -> Forward section - Anti-	CONDITION AND DAMAGE	LEFT	No Defect Noted	Completed at Heli-Works 12-5-2012
torque beam attachment structure - Detailed inspection (Condition and damage)		RIGHT	No Defect Noted	Completed at Heli-Works 12-5-2012
		TORQUE BEAM	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-53-10-00-00A-286J-A -> Forward section - Frame STA 3900 - Detailed inspection (Condition and damage)	CONDITION AND DAMAGE	LEFT	No Defect Noted	Completed at Heli-Works 12-5-2012
		RIGHT	No Defect Noted	Completed at Heli-Works 12-5-2012
39-A-53-10-00-00A-286S-A -> Forward section - Frame STA 5700 - Detailed inspection (Condition and damage)	CONDITION AND DAMAGE	LEFT	No Defect Noted	Completed at Heli-Works 12-5-2012
		RIGHT	Frame has shifted at lower side of 5700 as indicated by some popped rivets and hi-lok fasterners. This was however a product of the accident, and not a prior condition.	Completed at Heli-Works 12-5-2012
39-A-18-62-00-00A-271A-K -> Vibration absorber	CONDITION AND DAMAGE	LEFT	No Defect Noted	Completed at Heli-Works 12-5-2012
installation (Only for condition and damage)		RIGHT	No Defect Noted	Completed at Heli-Works 12-5-2012