Alpine Aerotech

www.alpineaerotech.com

NOMENCLATURE Main Rotor Blade

PART NUMBER 412-015-300-109

SERIAL NUMBER A-476

PAGE _____ OF _____

NOTICE: When returning any limited life component for any reason, it is mandatory that a valid HISTORICAL SERVICE RECORD accompany component.

HISTORICAL SERVICE RECORD

INSTALLATION DATA						FOR ☐ O/H ☐ RETIRE ☐ INSPECT	REMOVAL DATA				
DATE	INSTALLED ON A/C NO	BY (ACTIVITY)	INSTALLED AT	COMPONENT HOURS/RIN			DATE	REMOVED AT	COMPONENT HOURS/RIN		REASON FOR REMOVAL
				SINCE NEW	SINCE O/H	AT			SINCE NEW	SINCE O/H	
			A/C HOURS	HRS COMP HRS	HRS COMP HRS	A/C HOURS		A/C HOURS	HRS COMP. HRS	HRS COMP HRS	
			A/C RIN	RIN	RIN	A/C RIN DATE		A/C RIN	RIN	RIN	
				6497.2	N/A						

TECHNICAL DIRECTIVES AND HISTORY OF OVERHAUL

COMPONENT TOTAL TIME / RIN	DESCRIPTION OF WORK ACCOMPLISHED	SIGNATURE AFFIRMS WORK PERFORMED IN ACCORDANCE WITH APPLICABLE AIRWORTHINESS STANDARD		
	HISTORY OF INSPECTION, OVERHAUL, REPAIR AND APPLICATION OF TECHNICAL BULLETIN, SERVICE BULLETIN, AIRWORTHINESS DIRECTIVES, ETC.	SIGNATURE	NO. CERT. NO	DATE
6497.2	2500Hr Insp. c/o I.A.W. DMC-412-A-05-47-00-18A-283A-A, Repairs- INBD Trim Tab P/N 412-015-303-101 replaced, Erosion Shield P/N 412-015-304-105 replaced I.A.W. Bell 412 CR&O Issue 003, Dated 28 Oct. 2024. Tabs Zeroed & Product Balance set to Standard Configuration. Ref. AALP W/O KAM44328.		AAL M 029 93-00	AUG 1 1 2026

Nomenclatura: M/R BLADE
Num. Parte: 412-015-300-109
Num. Serial: A-476
Pagina: ..... de .....

AEROTECNICA S.A.
HELICOPTEROS

CONTROL DE VIDA DE COMPONENTES

DATOS DE INSTALACION						DATOS DE REMOCION				
Fecha	Instalado en A / C Nº	Por	HRS. A / C al Instalar	HRS. Componente		Fecha	HRS. A / C al Remover	HRS. Componente		Razón de Remoción
				Desde Nuevo	Desde O.H.			Desde Nuevo	Desde O.H.	
18ABR2006	33119 YV-730C	ATSA	4045.2	4021.7	0.0	17MAR08	4499.5	4476.0	454.3	CONV. INSP. DEL R/P.
23JUL08	33119 YV1469	ATSA	4499.5	4476.0	454.3	ENE 15, 09	4795.6	4772.1	750.4	Crack on leading Edge Abrasion Strip (Sta 181 Approx.)
27ENE10	33119 YV1469	ATSA	5175.4	4772.1	0.0	04FEB10	5175.4	4772.1	0.0	
20MAR10	36154 YV1466	ATSA	2498.5	4772.1	0.0	12ABR10	2499.6	4773.2	1.1	WARRANTY
27OCT10	33119 YV1469	ATSA	5484.1	4773.2	0.0	27Jul15	6662.4	5950.4	1178.3	Reemplazo del trim tab outboard.
18Agos15	33119 YV1469	ATSA	6662.4	5950.4	0.0	31Oct19	7164.8	6452.8	502.4	
11JUN20	33119 YV1469	ATSA	7164.8	6452.8	502.4	20 APR 26	7209.2	6497.2	546.8	REMOVED FOR OPS CONVENIENCE

BOLETINES APLICADOS E HISTORIA DEL OVERHAUL

Nº Boletìn	HRS. Aeronave	D E S C R I P C I O N	Efec. Por	Fecha
	4772:1	A-476 Inspected and repaired per 204-099-223 Vol. XVII Rev L, Performed 2500 hour inspection, Trimmed Trailing Edge Reflex Doubler @ Station 210 IAW 02MR-009, Removed Tip Assembly, Reprocessed and Rebonded IAW 06MR-011, Installed Outboard Abrasion Strip, Installed Inboard Abrasion Strip, Installed Inboard and Outboard Splice Covers, Installed Skin Patch @ Station 123 upper surface, Installed Outboard Trim Tab, Installed Inboard Polyurethane Tape, Refinished and Balanced. All actions performed per BHT and RBI specs. Reference RBI WO #412M-476	S M McFarley R8DR7134	5/28/09
	4773.2	A-476 Inspected and Repaired per 204-099-223 Vol. XVII Rev L, Removed, Reprocessed and Reinstalled Outboard Abrasion Strip IAW 03MR-048 and 01MR-057, Installed Helicoils AFT Pocket X 2 and FWD Pocket X 1, Performed 2500 hour inspection, Set to Nominal Weight FWD and AFT, Installed Inboard and Outboard Splice Covers, Installed Inboard Polyurethane Tape, Refinished and Balanced. All Actions Performed per BHT and RBI specs. Reference RBI WO # W00544RB	R8DR7134	8-11-2010
	5950.4	Se efectuo reemplazo de goma de la raiz de la Pala, Se efectuo reparacion en los bordes de los abrasion strip, Mid trim tab. e inboard trim tab, Se efectuo reemplazo del trim tab outboard P/N 412-015-301-111, Se efectuo Inspeccion de acuerdo a BHT-412-CDJO-3. Cap. 62. Detalles bajo la WO3763	AEROTECNICA, S RIF: J-00000467-6 OMAC-N 028	15
	6452.8	Se efectuó reparación en el borde de los tabs. medio e interno, Se reemplazó erosión - Shield por delaminación, de acuerdo a: BHT-412-CDJO. Rev. 11.	AEROTECNICA S.A. RIF: J-00000467-6 OMAC-N 028	
		Se efectuo Insp. General de acuerdo a: BHT-412-CDJO. Rev. 11. Detalles bajo WO5809		26feb20

COMPONENT NAME M/R BLADE
PART NUMBER 412-015-300-109
SERIAL NUMBER A-476
PAGE 1 OF 1

Bell Helicopter TEXTRON
A Subsidiary of Textron Inc
POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

HISTORICAL SERVICE RECORD

NOTICE: WHEN RETURNING ANY LIMITED LIFE COMPONENT TO BHTI FOR ANY REASON IT IS MANDATORY THAT A VALID HISTORICAL SERVICE RECORD ACCOMPANY THE COMPONENT.

INSTALLATION DATA						SCH. FOR [X] O/H [ ] RETIRE	REMOVAL DATA				
DATE	INSTALLED ON A/C NO.	BY (ACTIVITY)	INSTALLED AT A/C HRS.	COMP. HRS. SINCE NEW	COMP. HRS. SINCE O/H	HRS. / DATE	DATE	REMOVED AT A/C HRS.	COMP. HRS. SINCE NEW	COMP. HRS. SINCE O/H	REASON FOR REMOVAL
4-4-86	33119	BHTI	0.0	0.0	NEW	N/A / 4-4-96	23FEB90	640.7	640.7	NEW	ACLASS INSPECTION
19APR90	33119	SA ENGINEERING	640.7	640.7	NEW	N/A / 4-4-96	2/23/91	697.5	697.5	TSN	Refinish
3-14-91	33119	BHTI	697.5	697.5	TSN	N/A / 4-4-96	25OCT95	1565.6	1565.6	1565.6	AGUA, POSIBLE FISURA
2 Abril 96	33119	ATSA	1660.3	1565.6	TSN	/	01AG098	2172.3	2077.6	2077.6	CONVENIENCIA
01AG098	YV-1030C	ATSA	15765.40	2077.6	TSN	/	12Sep98	15846.3	2158.5	TSN	Conveniencia
12Sep98	33119	ATSA	2176.6	2158.5	TSN	/	04Julo6	2405.5	2387.4	TSN	INSP.
04Julo6	33119	ATSA	2405.5	2387.4	0.0	/	19JUN05	4039.8	4021.7	1634.3	DESPRENDIMIENTO MATERIAL

TECHNICAL DIRECTIVES AND HISTORY OF OVERHAUL

DIRECTIVE NUMBER IF APPLICABLE	TIME/DATE EFFECTIVITY	DESCRIPTION	COMPLIANCE BY (ACTIVITY)	COMPLIANCE DATE
		Inspect, Refinish to Bell requirement MIL-C-83286 and Balance		
		Checked. CTIS 40	CTIS AWI/77	16.4.90
		CPR No. 045257 inspected, repaired, and serviceable at 697.5 hours. Ref. QRMMF 12714.		
		BELL HELICOPTER TEXTRON INC. Ray Sadler 3-11-91 SIGNATURE DATE		
		SE EFECTUO REPARACION POR PRESENTAR DESPRENDIMIENTO DE PIEL, DE ACUERDO A LAS INSTRUCCIONES		
		DEL MANUAL DE REPARACION DE COMPONENTES Y OVERHAUL BELL 412. DETALLES BAJO LA ORDEN DE		
		TRABAJO: 04061712-0060. HORAS TOTALES DE LA PALA: 3508.4..	AEROTECNICA S.A. TALLER CERTIFICADO No 28	21Jul1o04
	4021.7	A-476 Inspected and repaired per 204-099-223 Vol. XVII Rev L, Performed 2500 hour inspection, installed inboard and center trim tabs with 120 glass, Installed inboard and outboard splice covers, Installed inboard polyurethane tape, Refinished and Balanced. All actions performed per BHT and RBI specs.		NOV-29-2005
			R8DR713Y RBI	

7861 56717 REV 483