

Engine Type: CFM56-3

Airfoil Services Sdn Bhd

Co. Reg. No.: 199101018312 (228623 U)

No 12, Jalan Teknologi Taman Sains Selangor 1 Kota Damansara PJU5 47810 Petaling Jaya Selangor Darul Ehsan Malaysia

Tel No:	+6	03	614	53600

Workscope	Repair No	Description	Additional Info	Repair Type
ATA Chapter: 72-31-01	HPC	C Blade Stage 1		
(2D) P111P05, P111P07, P1	11P08, P111P10, P1	11P15, P111P16, P161P03, P161P04, P161P07, P161P08, P161P09, P161P10, P	P161P11, P191P06, P191P08, P	191P09, P191P10
Cleaning & Inspection	C&I	Cleaning & Inspection	, , , , , ,	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	002	Repair of Dovetail Wear Coating Cu-Ni-In	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	005	Repair of the Dovetail RTV Sealant	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating	-	OEM
	010	Repair of Dovetail Wear Coating Al-Br	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	011	Trailing Edge Fillet/Platform Blend Repair	-	OEM
3D) P331P06				
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	005	Repair of the Dovetail RTV Sealant		OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating		OEM
	010	Repair of Dovetail Wear Coating Al-Br		OEM
Extended Repair 1	011	Trailing Edge Fillet/Platform Blend Repair		OEM
Extended Repair 2	013	Tip Weld Repair (3D Airfoil)	-	OEM
Extended Repair 3	014	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM
ATA Chapter: 72-31-02 2D) P122P02, P122P07, P1		<u>C Blade Stage 2</u> 32P05, P132P10, P132P11, P132P12, P142P02, P142P03, P142P04, P142P05, P	P102P04	
Cleaning & Inspection	C&I	Cleaning & Inspection		OEM
Full Repair				
	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	001 002	Blending of Blade Tip, Leading Edge & Trailing Edge Repair of Dovetail Wear Coating Cu-Ni-In	-	OEM
			- -	
	002	Repair of Dovetail Wear Coating Cu-Ni-In	- - -	OEM
	002 004	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length	- - - -	OEM OEM
	002 004 005	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant	- - - - -	OEM OEM OEM
Extended Repair 1	002 004 005 009	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating	- - - - - -	OEM OEM OEM
Extended Repair 1 Extended Repair 2	002 004 005 009 010	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br	- - - - - -	OEM OEM OEM OEM OEM
Extended Repair 2	002 004 005 009 010	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge	- - - - - - -	OEM OEM OEM OEM OEM OEM
Extended Repair 2	002 004 005 009 010	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge	- - - - - - -	OEM OEM OEM OEM OEM
Extended Repair 2 3D) P332P06 Cleaning & Inspection	002 004 005 009 010 007	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge Trailing Edge Fillet/Platform Blend Repair	- - - - - - -	OEM OEM OEM OEM OEM OEM OEM OEM
Extended Repair 2 3D) P332P06 Cleaning & Inspection	002 004 005 009 010 007 011	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge Trailing Edge Fillet/Platform Blend Repair Cleaning & Inspection	- - - - - -	OEM OEM OEM OEM OEM OEM OEM OEM
Extended Repair 2 3D) P332P06	002 004 005 009 010 007 011	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge Trailing Edge Fillet/Platform Blend Repair Cleaning & Inspection Blending of Blade Tip, Leading Edge & Trailing Edge	- - - - - -	OEM OEM OEM OEM OEM OEM OEM OEM OEM
Extended Repair 2 3D) P332P06 Cleaning & Inspection	002 004 005 009 010 007 011	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge Trailing Edge Fillet/Platform Blend Repair Cleaning & Inspection Blending of Blade Tip, Leading Edge & Trailing Edge Repair of the Dovetail RTV Sealant	- - - - - - -	OEM OEM OEM OEM OEM OEM OEM OEM OEM
Extended Repair 2 3D) P332P06 Cleaning & Inspection	002 004 005 009 010 007 011 C&I 001 005	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge Trailing Edge Fillet/Platform Blend Repair Cleaning & Inspection Blending of Blade Tip, Leading Edge & Trailing Edge Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating	- - - - - - -	OEM
Extended Repair 2 (3D) P332P06 Cleaning & Inspection Full Repair	002 004 005 009 010 007 011 C&I 001 005 009	Repair of Dovetail Wear Coating Cu-Ni-In Repair of the Short Airfoil Tip Length Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br Blend & Contour of Airfoil Leading Edge Trailing Edge Fillet/Platform Blend Repair Cleaning & Inspection Blending of Blade Tip, Leading Edge & Trailing Edge Repair of the Dovetail RTV Sealant Application of HVOF Tungsten Carbide Airfoil Erosion Coating Repair of Dovetail Wear Coating Al-Br	- - - - - - -	OEM



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Tel No: +6 03 61453600

Workscope	Repair No	Description	Additional Info	Repair Type
TA Chapter: 72-31-02	HPC	C Blade Stage 3	_	_
		03P10, P103P11, P103P13, P103P14, P103P15		
Cleaning & Inspection	C&I	Cleaning & Inspection		OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	_	OEM
i un itepan	002	Repair of Dovetail Wear Coating Cu-Ni-In	_	OEM
	004	Repair of the Short Airfoil Tip Length	_	OEM
	005	Repair of the Dovetail RTV Sealant	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating	_	OEM
	010	Repair of Dovetail Wear Coating Al-Br	_	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	_	OEM
Extended Repair 2	011	Trailing Edge Fillet/Platform Blend Repair	_	OEM
Extended Repair 3	012 (acc. to RD	Chord Restoration and Tip Weld Repair		OEM
Extended Repair 3	050-465-P7)	Onord Restoration and Tip Weld Repair		OLIVI
BD) P333P05				
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	005	Repair of the Dovetail RTV Sealant		OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating		OEM
	010	Repair of Dovetail Wear Coating Al-Br		OEM
Extended Repair 1	011	Trailing Edge Fillet/Platform Blend Repair		OEM
Extended Repair 2	013	Tip Weld Repair (3D Airfoil)	-	OEM
Extended Repair 3	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM
TA Chapter: 72-31-03	HPO	C Blade Stage 4		
2D) P104P01, P104P02, P1	04P03, P104P04, P10	04P06, P104P07, P104P08, P104P09, P104P10, P104P11, P104P12, P104P13,	P104P34, P104P35, P104P36, P	104P37, P104P38, P104P39,
104P40, P104P41, P104P4	4, P104P43, P104P45	5, P104P46, P104P47, P104P48, P104P49, P104P42		
Cleaning & Inspection	C&I	Cleaning & Inspection		OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair	-	OEM
3D) P334P09, P334P11, P3	34P10, P334P12			
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating		OEM
		Tip Weld Repair (3D Airfoil)		OEM
Extended Repair 1	013	Tip Weld Repail (35 Altion)		



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Workscope	Repair No	Description	Additional Info	Repair Type
ATA Chapter: 72-31-03	<u>HPC</u>	C Blade Stage 5		
		05P06, P105P07, P105P08, P105P09, P105P10, P105P11, P105P12, P105P13, P105P		
Cleaning & Inspection	4, P105P35, P105P3 C&I	 P105P37, P105P38, P105P39, P105P40, P105P41, P105P42, P105P43, P105P46, P Cleaning & Inspection 	105P47, P105P48, P105P	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	_	OEM
Tun Kepan	004	Repair of the Short Airfoil Tip Length	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating	_	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	_	OEM
Extended Repair 2	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair	-	OEM
(3D) P335P10, P335P11, P33	35P12, P335P09			
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating		OEM
Extended Repair 1	013	Tip Weld Repair (3D Airfoil)	-	OEM
Extended Repair 2	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM
ATA Chapter: 72-31-03	HPC	C Blade Stage 6		
		06P06, P106P07, P106P08, P106P09, P106P11, P106P12, P106P13, P106P18, P106P 7, P106P39, P106P40, P106P41, P106P42, P106P43, P106P44, P106P45, P106P38, P		106P30, P106P31, P106P32,
Cleaning & Inspection	C&I	Cleaning & Inspection		OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair	-	OEM
(3D) P336P09, P336P10, P33	36P11, P336P12			
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating		OEM
Extended Repair 1	013	Tip Weld Repair (3D Airfoil)		OEM



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Workscope	Repair No	Description	Additional Info	Repair Type
ATA Chapter: 72-31-03	HPC	Blade Stage 7		
		17P06, P107P07, P107P08, P107P09, P107P10, P107P11, P107P12, P107P13, P107P 5, P107P37, P107P38, P107P39, P107P40, P107P41, P107P42, P107P43, P107P44, P		107P21, P107P30, P107P31,
Cleaning & Inspection	C&I	Cleaning & Inspection		OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair	-	OEM
(3D) P337P09, P337P10, P33	7P12, P337P11			
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating		OEM
Extended Repair 1	013	Tip Weld Repair (3D Airfoil)	-	OEM
Extended Repair 2	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM
ATA Chapter: 72-31-03	<u>HPC</u>	C Blade Stage 8		
		08P06, P108P07, P108P08, P108P09, P108P10, P108P11, P108P12, P108P13, P108P 6, P108P37, P108P38, P108P39, P108P42, P108P43, P108P44, P108P45, P108P40, P		108P21, P108P30, P108P31,
Cleaning & Inspection	C&I	Cleaning & Inspection		OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair	-	OEM
(3D) P338P10, P338P11, P33	8P12, P338P09			
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge		OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating		OEM
Extended Repair 1	013	Tip Weld Repair (3D Airfoil)		OEM
Extended Repair 2	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)	-	OEM
ATA Chapter: 72-31-03	<u>HPC</u>	C Blade Stage 9		
		9906, P109P07, P109P08, P109P09, P109P10, P109P11, P109P12, P109P13, P109P 5, P109P37, P109P39, P109P40, P109P41, P109P42, P109P43, P109P44, P109P45, P	18, P109P19, P109P20, P	109P21, P109P30, P109P31,
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair	-	OEM