

Engine Type: CFM56-5C

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 61453600

Workscope	Repair No	Description	Additional Info	Repair Type
				7 1
ATA Chapter: 72-31-01	<u>HP</u>	C Blade Stage 1		
(2D) P191P06, P191P08, P1	91P09, P191P10, P1	91P11, P191P12		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	002	Repair of Dovetail Wear Coating Cu-Ni-In (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	005	Repair of the Dovetail RTV Sealant (Repair Not Applicable for PN P331P06)	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating (Repair Not Applicable for PN P331P06)		OEM
	010	Repair of Dovetail Wear Coating Al-Br (Repair Not Applicable for PN P331P06)	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating		OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	011	Trailing Edge Fillet/Platform Blend Repair (Repair Not Applicable for PN P331P06)		OEM
(3D) P331P07				
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	005	Repair of the Dovetail RTV Sealant (Repair Not Applicable for PN P331P06)		OEM
	010	Repair of Dovetail Wear Coating Al-Br (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 1	011	Trailing Edge Fillet/Platform Blend Repair (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 2	014	Blending & Reshaping of Airfoil LE Contour (3D Airfoil) (Repair Not Applicable for PN P331P06)	-	OEM



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Workscope	Repair No	Description	Additional Info	Repair Type
ATA Chapter: 72-31-02	<u>HF</u>	PC Blade Stage 2		
(2D) P122P01, P122P02, P1	22P07, P142P01, P	142P02, P142P03, P142P04, P142P05, P142P06		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	002	Repair of Dovetail Wear Coating Cu-Ni-In (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	005	Repair of the Dovetail RTV Sealant (Repair Not Applicable for PN P331P06)	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating (Repair Not Applicable for PN P331P06)	-	OEM
	010	Repair of Dovetail Wear Coating Al-Br (Repair Not Applicable for PN P331P06)	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	011	Trailing Edge Fillet/Platform Blend Repair (Repair Not Applicable for PN P331P06)		OEM
(3D) P332P07				
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		ОЕМ
	005	Repair of the Dovetail RTV Sealant (Repair Not Applicable for PN P331P06)		OEM
	010	Repair of Dovetail Wear Coating Al-Br (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 1	011	Trailing Edge Fillet/Platform Blend Repair (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 2	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)	-	OEM



Repair No Description

Capability & Price List

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Additional Info Repair

workscope	Repair No	Description	Additional into	Туре
ATA Chapter: 72-31-02	HPC	C Blade Stage 3		
2D) P103P03, P103P04, P10	3P11, P103P13, P10	D3P15, P103P17, P103P18		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	002	Repair of Dovetail Wear Coating Cu-Ni-In (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	005	Repair of the Dovetail RTV Sealant (Repair Not Applicable for PN P331P06)	-	OEM
	009	Application of HVOF Tungsten Carbide Airfoil Erosion Coating (Repair Not Applicable for PN P331P06)	-	OEM
	010	Repair of Dovetail Wear Coating Al-Br (Repair Not Applicable for PN P331P06)	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	OEM
Extended Repair 1	007	Blend & Contour of Airfoil Leading Edge	-	OEM
Extended Repair 2	011	Trailing Edge Fillet/Platform Blend Repair (Repair Not Applicable for PN P331P06)	-	OEM
Extended Repair 3	012 (acc. to RD 050-465-P7)	Chord Restoration and Tip Weld Repair		OEM
D) P333P06				
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
ull Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	005	Repair of the Dovetail RTV Sealant (Repair Not Applicable for PN P331P06)		OEM
	010	Repair of Dovetail Wear Coating Al-Br (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 1	011	Trailing Edge Fillet/Platform Blend Repair (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 3	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM
TA Chapter: 72-31-03	<u>HPC</u>	C Blade Stage 4		
D) P104P01, P104P02, P10 104P51, P104P52, P104P53		04P05, P104P06, P104P07, P104P08, P104P09, P104P38, P104P39, P104P40, P104P4	41, P104P44, P104P43, P	104P45, P104P46, P104P50
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	010	Application of HVOF Tungsten Carbide Airfoil Erosion Coating	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	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
D) P334P09, P334P11, P33	4P13, P334P14, P33	34P15, P334P16, P334P10, P334P12		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	010	Application of HVOF Tungsten Carbide Airfoil Erosion Coating		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 1	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)	-	OEM



015

Extended Repair 2

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Workscope	Repair No	Description	Additional Info	Repair Type
ATA Chapter: 72-31-03	HPC	C Blade Stage 5	_	
		05P05, P105P06, P105P07, P105P08, P105P09, P105P10, P105P11, P105P12, P105P 1, P105P52, P105P53, P105P44, P105P45	13, P105P22, P105P23, P	105P24, P105P25, P105P42,
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	010	Application of HVOF Tungsten Carbide Airfoil Erosion Coating	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	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	5P12, P335P13, P33	35P14, P335P15, P335P16, P335P09		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 1	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)	-	OEM
ATA Chapter: 72-31-03	HPC	C Blade Stage 6		
(2D) P106P01, P106P02, P10 P106P46, P106P47, P106P48		06P05, P106P06, P106P07, P106P08, P106P09, P106P18, P106P19, P106P20, P106P 3	21, P106P39, P106P40, P	106P41, P106P42, P106P43,
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	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	6P11, P336P12, P33	36P13, P336P14, P336P15, P336P16		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM

Blending & Reshaping of Airfoil LE Contour (3D Airfoil)

OEM



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Workscope	Repair No	Description	Additional Info	Repair Type
ATA Chapter: 72-31-03	<u>HP</u>	C Blade Stage 7		
(2D) P107P01, P107P02, P1 P107P43, P107P46, P107P4		07P05, P107P06, P107P07, P107P08, P107P09, P107P18, P107P19, P107P20, P107P 9	21, P107P38, P107P39, P	07P40, P107P41, P107P42,
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	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, P3	37P12, P337P13, P3	37P14, P337P15, P337P16, P337P11		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		ОЕМ
Extended Repair 1	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM
ATA Chapter: 72-31-03	HPG	C Blade Stage 8	_	_
(2D) P108P01, P108P02, P1 P108P48, P108P49, P108P4		08P05, P108P06, P108P07, P108P08, P108P09, P108P18, P108P19, P108P20, P108P	21, P108P38, P108P39, P	108P42, P108P46, P108P47,
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	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, P3	38P12, P338P13, P3	38P14, P338P15, P338P16, P338P09		
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)		OEM
	013	Tip Weld Repair (3D Airfoil) (Repair Not Applicable for PN P331P06)		OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)		OEM
Extended Repair 1	015	Blending & Reshaping of Airfoil LE Contour (3D Airfoil)		OEM



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Workscope	Repair No	Description	Additional Info	Repair Type

ATA Chapter: 72-31-03	<u>HP</u>	C Blade Stage 9		
		09P05, P109P06, P109P07, P109P08, P109P09, P109P18, P109P19, P109P20, P109P21, 11, P109P52, P109P53, P109P54, P109P55, P109P56, P109P57, P109P38	P109P39, P109P40, F	P109P41, P109P42, P109P46,
Cleaning & Inspection	C&I	Cleaning & Inspection	-	OEM
Full Repair	001	Blending of Blade Tip, Leading Edge & Trailing Edge (Repair Not Applicable for PN P331P06)	-	OEM
	004	Repair of the Short Airfoil Tip Length	-	OEM
	011	Application of HVOF Chromium Carbide-Nickel Chromium Airfoil Erosion Coating	-	OEM
	SB 72-0423	Introduction of Compressor Blades Without Erosion Coating	-	OEM
	SB 72-0730	Rework of HPC Stage 1 through Stage 9 Blades (HVOF)	-	OEM
	SB 72-0731	Rework of HPC 3D Blades Stage 1 through Stage 9 (HVOF) (Repair Not Applicable for PN P331P06)	-	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