

ENGINE BORESCOPE REPORT 21072017-2

AMO Reference:
EASA.145.0770

Attachment ☐ No ☒ Yes \Rightarrow Qty 6

MJSS/ AMOS WP No	AC Type	AC Reg	Engine Type	Engine S/N	Operating time	
XLFL-190717TR-09	B474-446	EI-XLF	CF6-80C2B1F	704819	Hours 61'046	Cycles 9'751
Used tools or equipment:		Olympus RX				
Borescope ports		B1-0 through B1-13				

☒ Scheduled
Reason for inspection ☐ **Unscheduled**

Ref MJC/AMOS TC No

Ref ATL (AMOS WO): **WO 503767431**

Inspection result:

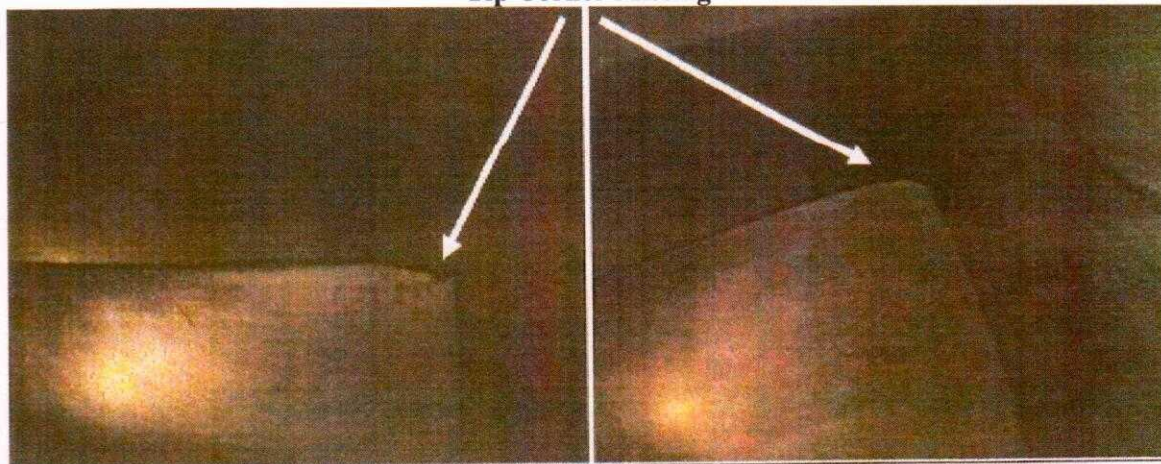
Borescope inspection ENG#1 1-14st HPC blades has been performed I.A.W. FIM 71-00, Fig.112 and AMM Rev. 90 Jul 2017. 72-00-00/601

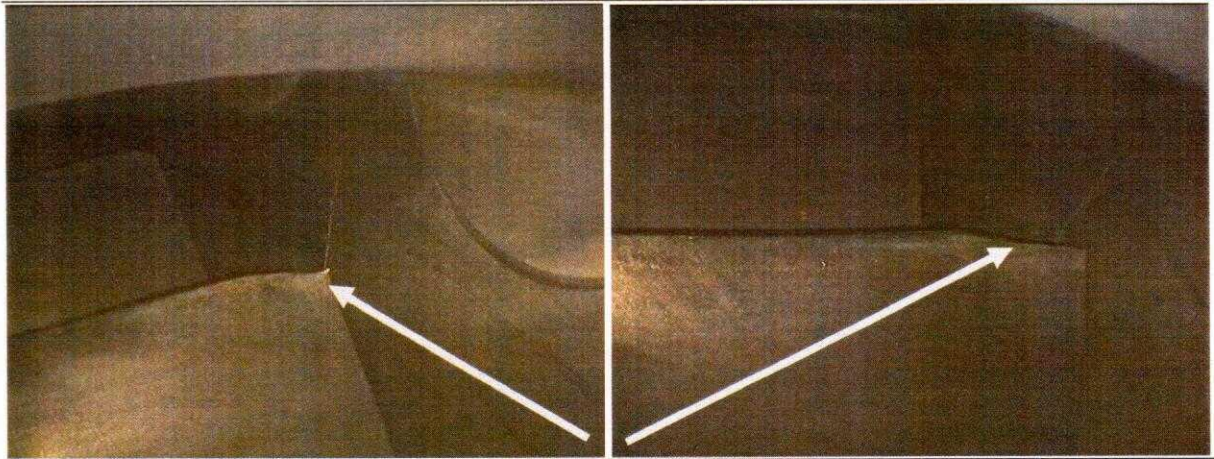
Results:

1) HPC blades:

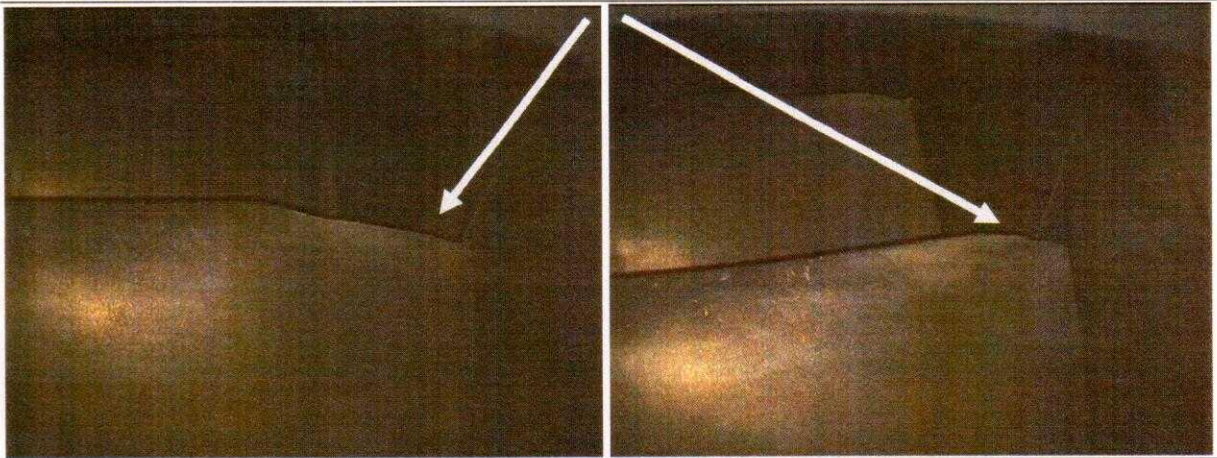
1st – eight blades on LE have damages: See photos below

Tip Corner Missing

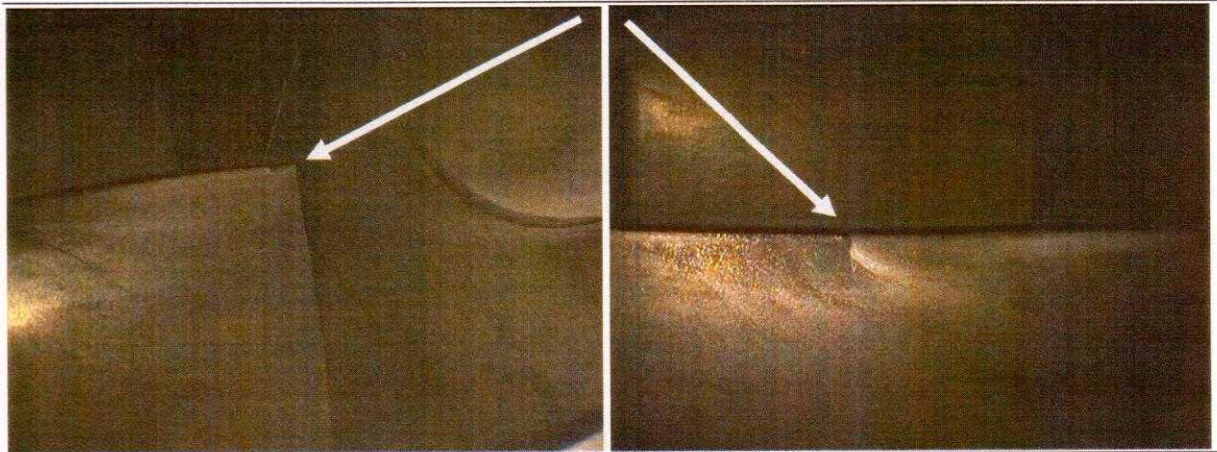




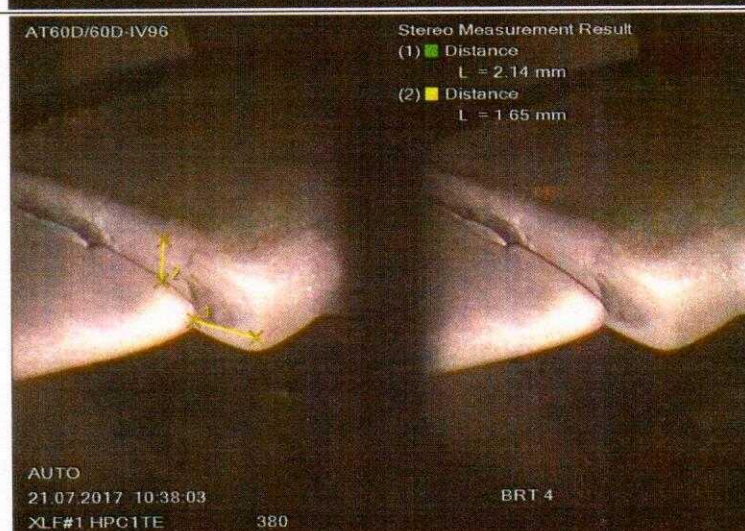
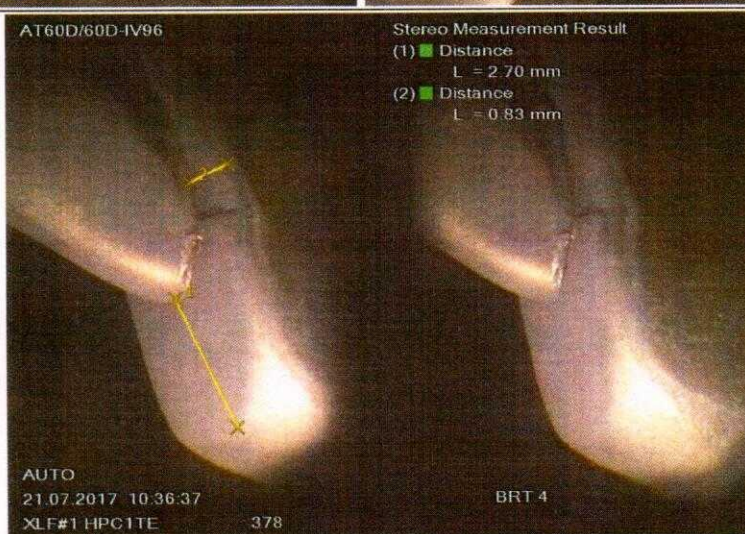
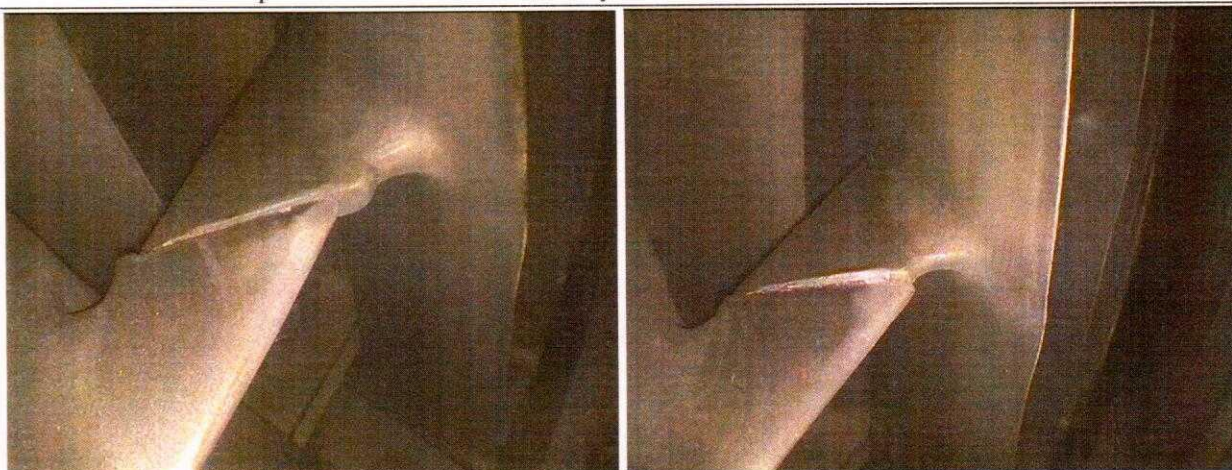
Tip Corner Missing



Nick (max size 0.4x0.3 mm)



1st – Several Mid Span Shroud have offset: See photos below



1st – one blade on the TE has nick (0.84x0.48mm)- distance from the tip 17 mm:

See photos below



3rd - three blades on the LE have dent (max size 2.16x0.43mm) distance from the tip 11 mm



7th - one blade on the LE has dent (size 1.24x0.4mm) distance from the tip 14 mm



9st - four blades on the LE have dent (max size 1.7x0.72mm) distance from the tip 3 mm



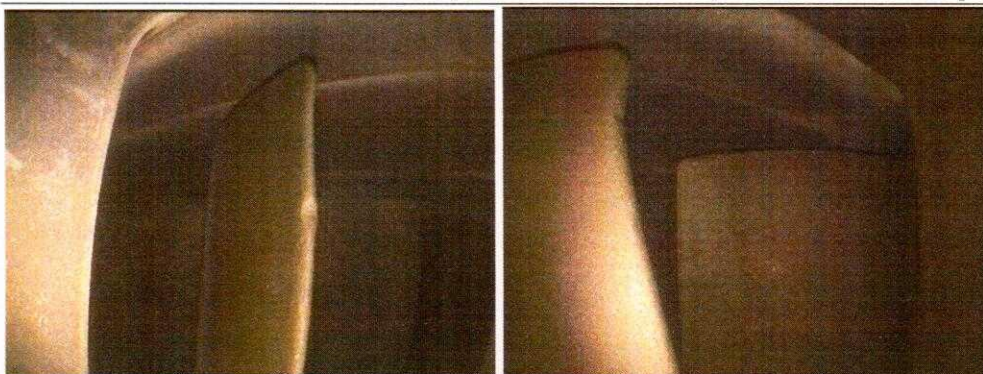
10st - one blade on the LE has dent (max size 1.1x0.9mm) distance from the tip 3 mm



11st - two blades on the LE have dent (max size 2.4x1.8mm) distance from the tip 2 mm

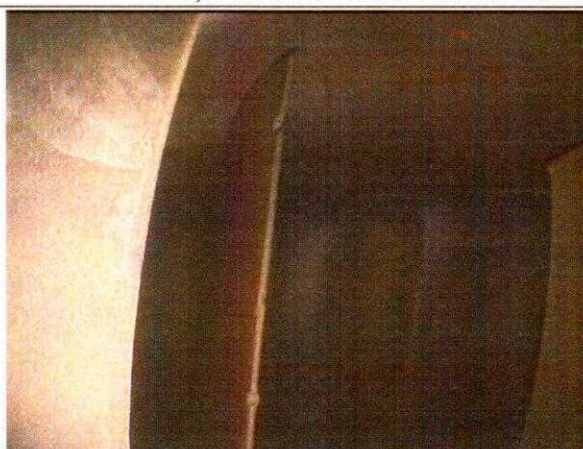


13st - two blades on the LE have dent (max size 0.98x0.3mm) distance from the tip 5.5 mm




14st - one blade on the LE have two dents – 1) size 0.3x0.2mm. distance from the tip 12 mm

– 2) size 0.4x0.4mm. distance from the tip 2.8 mm



The rest of the compressor stages(2, 4, 5, 6, 8, 12) - nil findings.

Inspector's comments on result.

Surname: Ivashchenko M	Sign: 	Stamp: BI- 09 	Date: 21.07.2017.	Station: VKO
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