

To whom it may concern

30-Apr-2016

**Incident / Accident Clearance Statement**

(based on IATA approved Aviation Working Group guideline Doc: 1204/1/15)

Engine serial number 741651, details of which are specified below, has been operated by [REDACTED] during the period from 23 Oct 2015 to 30-Apr-2016.

Configuration details as of the date of this statement:

Description	Type/Part No.	Serial No.	TSN	CSN
Engine	CFM56-5C4	741651	43996	9394

It is hereby certified that, to the best of our knowledge, during the period stated above:

1. Neither the engine, nor any part installed have been
  - a. damaged during, or identified as the root cause of, a reportable incident or accident as defined by Annex 13 to the Chicago Convention, or
  - b. subjected to severe stress or heat (such as in a major engine failure, accident, or fire) or has been submersed in salt water,unless its airworthiness status was re-established by an approved maintenance organisation in accordance with the applicable airworthiness regulations and instructions of the type certificate holder and/or OEM of the part, and supported by an authorised airworthiness release certificate.
2. No part has been installed on the engine which was obtained from a military source or was previously fitted to a state aircraft as deemed by Article 3 of the Chicago Convention.

E-Mail copy to:

- Responsible Nominated Person for CA (Postholder CA): TO (if SWR AOC related) / OBM (if SWU AOC related)
- Head of Engineering: TE
- Head of Quality Assurance Technical Division: TQ

## Aircraft Certificate of Release to Service (CRS) according EASA Part 145

Aircraft Type:	A340-313
Registration:	HB-JMO
Manufacturer Serial No.:	179
Operator / Contractor:	[REDACTED]
Type of Maintenance Check completed:	Phase-out Check
Location where Check was completed:	ZURICH - AIRPORT
Date Check completed:	18.04.2016 / 07:45 UTC
Aircraft total Flight Hours:	89997
Aircraft total Cycles:	10173
For additional work performed refer to work package consisting of	
Executed Bill of Work ( EX BOW ) Network No.: L2752	Completion date : 18.04.2016
Customer Workorder / Contract Reference: WP. 204172 Final Last Rev. 01 / SRT-1805	

This certifies that the work specified except as otherwise specified was carried out in accordance with Part-145 and in respect to that work the aircraft / aircraft component is considered ready for Release to Service.

Deferred items are listed in the EX BOW, Page(s):

34 - 37

Note: It is the sole responsibility of the customer to provide all ADs to be implemented during the groundtime, to [REDACTED].

Pertinent details of the work performed are on file at this repair station.

EASA Part-145 APPROVED MAINTENANCE ORGANIZATION: [REDACTED]

EASA Part-145 APPROVAL CERTIFICATE REFERENCE: CH.145.0200

Signature of authorized person:

Name of authorized person:

Authorization number / stamp:

721062

## Flight Log

A/C Registration

HB - JMO

1330645



A319     A320     A321     A333     A343     AR1     .....

<input type="checkbox"/> FC Performed by		<input type="checkbox"/> Crew	<input checked="" type="checkbox"/> Maintenance		
Checklist Issue	Station	Date (UTC)	Time (UTC)	Personal ID	Signature
14.12.2016	224	3004160600		33064	
Aircraft Accepted by		Time (UTC)	Personal ID	Signature	
		0613	11576		

Dep. Date (UTC)	Flight #	From	To	<input type="checkbox"/> De/Anti-Icing Performed and Reported by ACARS		
300416	-51142DH-LDE			Parts Treated	<input type="checkbox"/> All	<input type="checkbox"/> 1 Step
				<input type="checkbox"/> Wing	<input type="checkbox"/> Tail	<input type="checkbox"/> 2 Step
UTOLAND				Type / Mixture	/	%
<input type="checkbox"/> CAT III <input type="checkbox"/> Simulated <input type="checkbox"/> OK <input type="checkbox"/> Not Ok				Start Time		
				OK	Not OK	

Remaining Fuel / Time (UTC)	After Flight 7560 / 08:13	After Maintenance	Personal ID	Signature
Techlog				
Complaint	<input checked="" type="checkbox"/> NIL	From	To	
Raised				
11576				

**Tech Log  
Workorder**

<input type="checkbox"/> A319	<input type="checkbox"/> A333	<input type="checkbox"/> .....
<input type="checkbox"/> A320	<input checked="" type="checkbox"/> A343	<input type="checkbox"/> .....
<input type="checkbox"/> A321	<input type="checkbox"/> AR1	<input type="checkbox"/> .....

A/C Registration

HB - JMO

3869646

Date (UTC)	Flight #	From	To	ATA Chapter	Position / FIN Code	Reference WO
------------	----------	------	----	-------------	---------------------	--------------

Complaint:

WEEKLY CHECK AND ADMIN PHASE OUT /  
WP 239311 IS DUE INCL. SPT BOW L2795 12395

<input type="checkbox"/> Pirep	<input type="checkbox"/> Cabin Complaint	<input type="checkbox"/> Maint. Complaint	<input checked="" type="checkbox"/> Scheduled Maintenance	Pers. ID	Signature
--------------------------------	--	---	---	----------	-----------

Action:

WEEKLY CHECK AND ADMIN PHASE OUT / WP 239311 PERFORMED  
SPT BOW L2795 12395

Position	Station	S/N OUT	S/N IN	Serviceable Under Part
Position	Station	S/N OUT	S/N IN	Serviceable Under Part

ENG Oil	<input type="checkbox"/> 000	APU Oil	<input type="checkbox"/> 000	IDG Oil	<input type="checkbox"/> 000	<input type="checkbox"/> 000	<input type="checkbox"/> 000	HYD Oil	<input type="checkbox"/> 000	G <input type="checkbox"/> B <input type="checkbox"/> Y	Time (UTC)	Pers. ID
---------	------------------------------	---------	------------------------------	---------	------------------------------	------------------------------	------------------------------	---------	------------------------------	---	------------	----------

<input type="checkbox"/> ADD TX RSN:	<input type="checkbox"/> Crew Relevant	<input type="checkbox"/> MEL	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D	Limitations	Flt Hours
	<input type="checkbox"/> AOG Risk	MEL / CDL Ref.					Due Date	

Part 145	<input type="checkbox"/> CH.145.0229	Other	Station	Date (UTC)	Time (UTC)	Pers. ID
Occurrence		Part 145 Approval #		**	*certifies that the work specified except as otherwise specified was carried out that work the aircraft / aircraft component is considered ready for release to service	expect to

12.15 issue 500007 0005

DO NOT REMOVE

**Tech Log  
Workorder**

A319  A333  .....  
 A320  A343  .....  
 A321  AR1  .....

A/C Registration

HB - JNO

3869647

Date (UTC)	Flight #	From	To	ATA Chapter	Position / FIN Code	Reference WO
30/08/16	- HAIR			23 - 20		

Complaint:

<input type="checkbox"/> Pirep <input type="checkbox"/> Cabin Complaint <input type="checkbox"/> Maint. Complaint <input type="checkbox"/> Scheduled Maintenance	Pers. ID	Signature
--	----------	-----------

Action:

Sign	10	Min	Time
------	----	-----	------

WINTER FLIGHTS

FLIGHT TIME 0H 23min

POSA	Part Number	S/N OUT	S/N IN	Serviceable Later Per.
POSA	Part Number	S/N OUT	S/N IN	

ENG				APU		IDG			HYD			Time (UTC)	Pers. ID	Signature (Oil Refill)
Oil				Oil		Oil			Oil					

<input type="checkbox"/> ADD	<input type="checkbox"/> Crew Relevant	<input type="checkbox"/> MEL	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D	Limitations	Fit Hours
TX RSN:	<input type="checkbox"/> AOG Risk	MEL / CDL Ref.					Due Date	Cycles

Part 145	<input type="checkbox"/> CH.145.0229	Other	Station	Date (UTC)	Time (UTC)	Pers. ID	
Occurrence		Part 145 Approval #	**	certifies that the work specified except as otherwise specified was carried out in accordance with Part 145 and in respect to that work the aircraft / aircraft component is considered ready for release to service. (EASA AMC 145.A.50)			

12.15 issue 500007 0005

DO NOT REMOVE

**Tech Log  
Workorder**

<input type="checkbox"/> A319	<input type="checkbox"/> A333	<input type="checkbox"/> .....
<input type="checkbox"/> A320	<input type="checkbox"/> A343	<input type="checkbox"/> .....
<input type="checkbox"/> A321	<input type="checkbox"/> AR1	<input type="checkbox"/> .....

A/C Registration

HB -

3869648

Date (UTC)	Flight #	From	To	ATA Chapter	Position / FIN Code	Reference WO
------------	----------	------	----	-------------	---------------------	--------------

Complaint:

CLOSE LOG BOOK



<input type="checkbox"/> Pirep	<input type="checkbox"/> Cabin Complaint	<input type="checkbox"/> Maint. Complaint	<input type="checkbox"/> Scheduled Maintenance	Pers. ID	Signature
--------------------------------	--	---	--	----------	-----------

Action:	Sign	ID	Month	Date
---------	------	----	-------	------

CLOSE LOG BOOK



POS/FIN	Part Number	S/N OUT	S/N IN	Serviceable Label Ref
POS/FIN	Part Number	S/N OUT	S/N IN	

ENG Oil	APU Oil	IDG Oil	1	2	3	4	HYD Oil	5	6	7	Time (UTC)	Pers. ID	Signature (Oil Refill)
---------	---------	---------	---	---	---	---	---------	---	---	---	------------	----------	------------------------

<input type="checkbox"/> ADD	<input type="checkbox"/> Crew Relevant	<input type="checkbox"/> MEL	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D	Limitations	Flt Hours
TX RSN:	<input type="checkbox"/> AOG Risk	MEL / CDL Ref.					Due Date	Cycles

Part 145	<input type="checkbox"/> CH.145.0229	Other	Station	Date (UTC)	Time (UTC)	Pers. ID	** Signature
Occurrence		Part 145 Approval #					** certifies that the work specified except as otherwise specified was carried out in accordance with Part 145 and in respect to that work the aircraft / aircraft component is considered ready for release to service". (EASA AMC 145.A.50)

12.15 issue 500007 0005

DO NOT REMOVE

To: [REDACTED] (the Lessee)

**RE-DELIVERY ACCEPTANCE CERTIFICATE RELATING TO ONE (1) A340-313 AIRCRAFT,  
MANUFACTURER'S SERIAL NUMBER 179 (THE AIRCRAFT)**

[REDACTED] (the Lessor) hereby certifies that pursuant to the aircraft operating lease agreement dated 31 May 2013 as amended, supplemented or novated from time to time and made between the Lessor and the Lessee (the Agreement) and pursuant to an aircraft technical acceptance certificate dated 29 April 2016:

- (a) the Lessor has inspected the Aircraft, found it to be complete and satisfactory to it and that the Aircraft conforms with the description and is in the condition and equipped as required by the Agreement;
- (b) the Lessor has accepted Re-delivery of the Aircraft, as is where is;
- (c) the Lessor has inspected, found to be complete and satisfactory to it and has received all of the Aircraft Documents;
- (d) the Lessor acknowledges that it has no rights or claims whatsoever against the Lessee in respect of the condition of the Aircraft or the Aircraft Documents; and
- (e) statistics evidencing the condition of the Aircraft at Re-delivery (including Flight Hours and Cycles) are attached in the annex.
- (f) the Lessor hereby confirms that it has received all Maintenance Reserves which the Lessee is required to pay to the Lessor, and all financial compensations are herewith settled except for the items listed in the commitment letter.

Capitalised terms and expressions used in this Re-delivery Acceptance Certificate shall have the meanings given in the Agreement.

Date: 13th July 2016

SIGNED by  
for and on behalf of

[REDACTED]

)  
)  
)  
)

[REDACTED]

## ANNEX - STATISTICS

- 1) Airbus A340-313 airframe, Manufacturer's Serial No. 179:
- 2) Aircraft Total Time: 90002
- 3) Aircraft Total Cycles: 10175
- 4) CFM International, Inc. CFM56-5C4 engines:

Engine Serial No.	TSLSV	TTSN	CSLSV	TCSN
741607	10031	80751	975	9067
741605	3214	81342	299	9324
741446	8228	52269	847	11061
741651	2597	43995	237	9393

- 5) APU
  - i. Model: GTCP331-350
  - ii. Part No: 3800454-6
  - iii. Serial No: R-604
  - iv. APU running hours since new: 11737
- 6) Landing Gear
  - a. Left Main Landing Gear: 201490001 MDL-184 119 Months
  - b. Right Main Landing Gear: 201490002 MDL-184 119 Months
  - c. Centre Landing Gear: 37100-1001 DCL242/01 48 Months
  - d. Nose Landing Gear: GTCP331-350 B125 143 Months
- 7) Landing Gear LLP status: as per list signed by the Lessor and the Lessee and attached hereto;
- 8) Engine Life Limited Parts Disk Sheet: as per list signed by the Lessor and the Lessee and attached hereto.

April 19, 2016

A/C total flighthours: 90 000

A/C total flightcycles: 10 174

**HB-JMO**

## **Engine LLP COMPLIANCE STATUS**

Position 1 P/N	CFM56-5C4	S/N	741651	Flt Hrs	43 994	Flt CY	9 393
----------------	-----------	-----	--------	---------	--------	--------	-------

Type Certificate: TCDS A.015

**Model A340 type A340-313X**

Serial No. 179

Assemblies >> Engine LLPs >> 741651

Part No.:	CFM56-5C4	TSN :	43993.59	A/C Pos:	HB-JMO#1	
Serial No.:	741651	Status at:	19-04-2016	Install Date:	23-10-2015	
CSN :	9393	Notes :		Statement :		
<b>Technical Data &amp; Information :</b>						
Partno	Serialno	Description	TSN	CSN/CSR	Life Limit CYC	To go CYC
337-005-206-0	BA509902	BOOSTER SPOOL	43519:59	9461	20000	10539
337-005-407-0	BA456709	FAN DISK	43519:59	9461	20000	10539
337-014-404-0	DA458097	FAN SHAFT	43993:59	9393	20000	10607
1386M56P03	GWNGK862	HPC ROTOR FWD SHAFT	43993:59	9393	15000	5607
1558M31G04	GWNBM703	HPC ROTOR SPOOL STG 1 & 2	43993:59	9393	15000	5607
1590M59P01	GWNBM611	HPC ROTOR DISK STG 3	43993:59	9393	15000	5607
1588M89G03	GWRNW933	HPCR SPOOL ASSY STG 4-9	43993:59	9393	15000	5607
1523M35P01	GFFR6077	CDP ROTATING REAR AIR SEAL	43993:59	9393	15000	5607
1498M40P05	TMTMM017	HPT ROTOR FRONT SHAFT	49318:59	6716	15000	8284
1795M36P02	TMTNM664	HPT FRONT ROTATING AIR SEAL	12426:59	2179	15000	12821
1498M43P04	GWNGM783	HPT ROTOR DISK	43993:59	9393	12000	2607
1498M45P08	GWNKE637	HPT REAR SHAFT	68297:59	10357	13700	3343
337-001-404-0	BA624239	LPT ROTOR DISK STG 1	43993:59	9393	20000	10607
337-001-503-0	BA624263	LPT ROTOR DISK STG 2	43993:59	9393	20000	10607
337-001-605-0	BA637231	LPT ROTOR DISK STG 3	43993:59	9393	20000	10607
337-001-705-0	BA608624	LPT ROTOR DISK STG 4	43993:59	9393	20000	10607
337-001-802-0	BA643627	LPT ROTOR DISK STG 5	43993:59	9393	20000	10607
337-002-410-0	BA483206	LPT ROTOR SUPPORT	43993:59	9393	20000	10607
337-002-910-0	LA040820	SHAFT-LPT	43993:59	9393	20000	10607

This is a true statement taken from the information Swiss have available to them

Technical Data & Documentation