

# Engine Services and Maintenance

Advantage Turbine Services Sweden AB

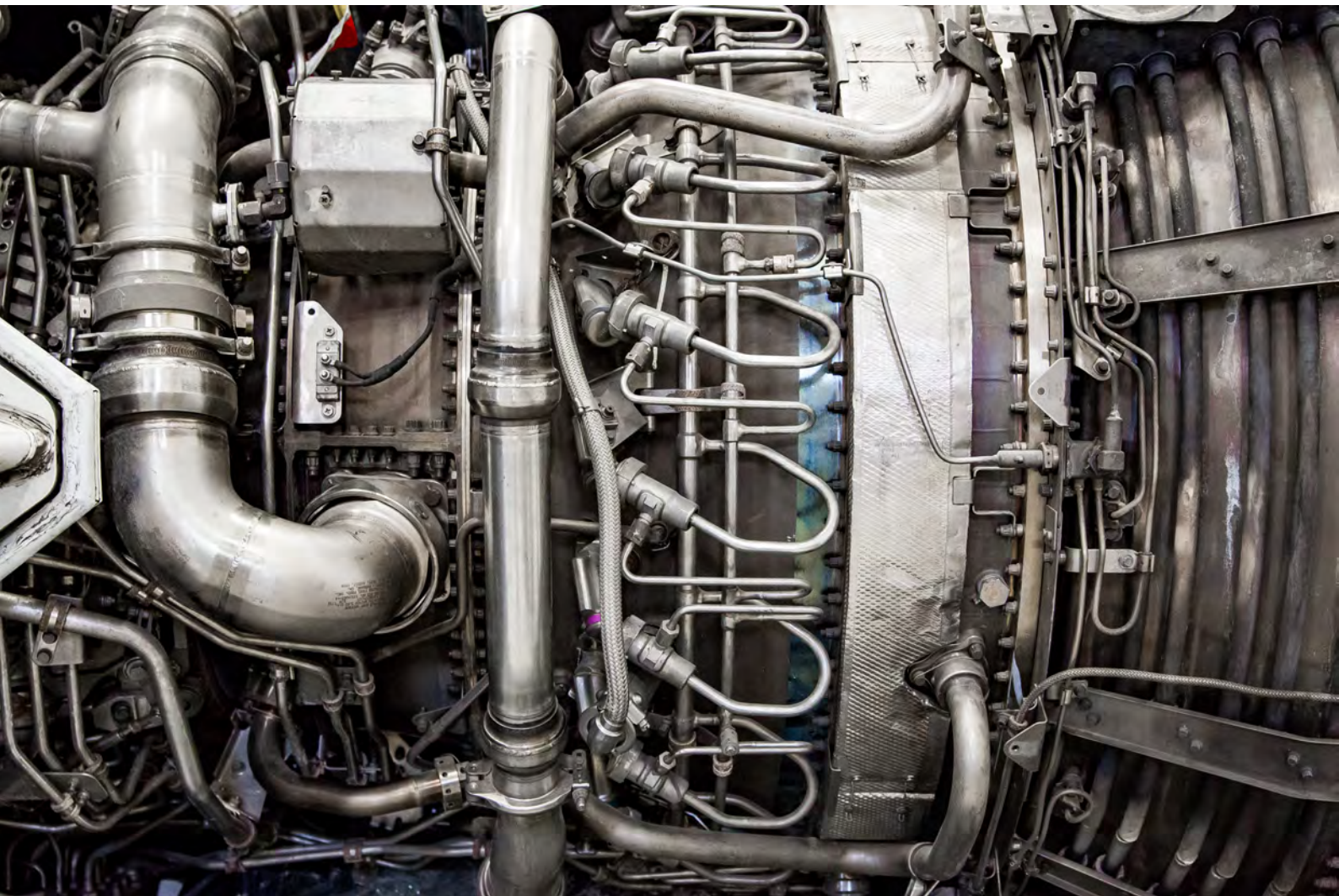
Advantage Turbine Services is a EASA & FAA Part 145 Approved Engine MRO specialized in field service. The advantage of obtaining field services on wing or at engine site, compared to sending the entire engine to a repair shop, is that it will significantly reduce the operator's downtime and logistics costs.

With our in-depth technical expertise, long industry experience and flexibility we can help you manage your engine repair projects completely through the repair cycle.

Our services ranges from engine maintenance to Borescope Inspections/Blade Bending, Top/Bottom Case Repairs, LRU Replacement & QEC Installation Build Up.

All maintenance services are carried out under our own approvals

EASA SE.145.0147 and FAA 4T8Y227D



# Advantage Turbine Services Capability List

## Engine Maintenance (Class B Engines, Rating B1 Turbine and B3 APU)

Rating	Engine Model	Limitation	Maintenance Level	
B1	CFM56 Series	N/A	Borescope Blade Blending	
	CFM-LEAP	-1A, -1B		
B1	PW 100 Series	N/A	Blending LP Impeller	
	CFM56 Series	N/A		
	CFM-LEAP	-1A, -1B		
	EA GP7200	N/A		
	GE CF34	-3, -8		
	GE CF6 Series	N/A		
	GE CT7 Series	N/A		
	IAE V2500 Series	N/A		Borescope Inspection
	PW 100 Series	N/A		
	PW 2000 Series	N/A		
PW 4000 Series	N/A			
B1	PW JT9D Series	N/A	Top and Bottom Case Repair	
	PW JT8D-200 Series	N/A		
	RRD BR700 Series	N/A		
	CFM56 Series	N/A		
	CFM56 Series	N/A		
	CFM-LEAP	-1A		
	GE CF34	-3		LRU Replacement
IAE V2500 Series	N/A			
PW JT8D-200 Series	N/A			
B1	PW JT9D	-7R4, -59, -70	Non-Complex Tasks	
	CFM56 Series	N/A		
	CFM-LEAP	-1A		
	GE CF34	-3		
	IAE V2500 Series	N/A		
	PW JT8D-200 Series	N/A		
B1	PW JT9D	-7R4, -59, -70	QEC Installation Build Up	
	CFM56 Series	N/A		
	CFM-LEAP	-1A		
	GE CF34	-3		
	IAE V2500 Series	N/A		
	PW JT8D-200 Series	N/A		
B1	PW JT9D	-7R4, -59, -70		

	PW JT8D-200 Series	N/A	Repair of Sound Absorbing Liner Delamination
	PW JT8D-200 Series	N/A	Replacement Fan Blades
	PW JT8D-200 Series	N/A	Replacement Fan Exit Guide Vanes
	PW JT8D-200 Series	N/A	Replacement Fan Rotor Modul
	PW JT8D-200 Series	N/A	Replacement Front Fan Case
	PW JT8D-200 Series	N/A	Replacement Inlet and Front Compressor Section
	PW JT8D-200 Series	N/A	Replacement Inlet Case and Inlet Module
	PW JT8D-200 Series	N/A	Replacement Rear Fan Case
B1	PW JT8D-200 Series	N/A	Replacement Bleed Valves
	PW JT8D-200 Series	N/A	Replacement Exhaust Case Module
	PW JT8D-200 Series	N/A	Replacement Fuel Nozzles
	PW JT8D-200 Series	N/A	Replacement Main Gearbox
	PW JT8D-200 Series	N/A	Replacement Mixer Module
	PW JT8D-200 Series	N/A	Replacement Nozzle Guide Vanes (NGV)
	PW JT8D-200 Series	N/A	Replacement Outer Diffusor Duct
	PW JT9D	-7R4, -59, -70	Front Fan Case Replacement
	PW JT9D	-7R4, -59, -70	Main Gear Box Replacement
	PW JT9D	-7R4, -59, -70	VSV, 3,0 and BIAS Rig Procedure

Rating	APU Model	Limitation	Maintenance Level
	Hamilton Sundstrand APS2000	N/A	
	Hamilton Sundstrand APS2100	N/A	
B3	Hamilton Sundstrand APS3200	N/A	Borescope Inspection
	Honeywell 131 series	N/A	
	Honeywell GTCP 85 series	N/A	
	Honeywell RE-220	N/A	

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

# Air Agency Certificate

*Number* 4T8Y227D

*This certificate is issued to*

**ADVANTAGE TURBINE SERVICES SWEDEN AB**

*whose business address is*

**MARMA 113  
741 93 KNIVSTA  
SWEDEN**

*upon finding that its organization complies in all respects with the requirements of the Federal Aviation Regulations relating to the establishment of an Air Agency, and is empowered to operate an approved* **REPAIR STATION**

*with the following ratings:*

**LIMITED POWERPLANT  
LIMITED ACCESSORIES (5/6/2019)**

*This certificate, unless canceled, suspended, or revoked, shall continue in effect* **until SEPTEMBER 30, 2022**

*By direction of the Administrator*

*Date issued:*

**SEPTEMBER 6, 2017**

**FOR**

**Nicholas Tsokris, Manager, New York IFO**

**This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF, SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION**

SWEDEN

A member of the European Union

# MAINTENANCE ORGANISATION APPROVAL CERTIFICATE

**Reference: SE.145.0147**

Pursuant to Regulation (EU) 2018/1139 of the European Parliament and of the Council and to Commission Regulation (EU) 1321/2014 for the time being in force and subject to the conditions specified below, the Swedish Transport Agency, Civil Aviation and Maritime Department hereby certifies:

## **Advantage Turbine Services Sweden AB**

**(Reg.No: 559075-2068)****c/o Adv. Aviation Service Sweden AB****Marma 113****741 93 Knivsta**

as a maintenance organisation in compliance with section A of Annex II (Part-145) of Regulation (EU) 1321/2014, approved to maintain the products, parts and appliances listed in the attached approval schedule and issue related certificates of release to service using the above references and, when stipulated, to issue recommendations and airworthiness review certificate after an airworthiness review as specified in point M.A.901(I) of Annex I (Part-M) to the same Regulation for those aircraft listed in the attached approval schedule.

### CONDITIONS

1. This approval is limited to that specified in the scope of work section of the approved maintenance organisation exposition as referred to in section A of Annex II (Part-145), *and*
2. This approval requires compliance with the procedures specified in the approved maintenance organisation exposition, *and*
3. This approval is valid whilst the approved maintenance organisation remains in compliance with Annex II (Part-145) of Regulation (EU) 1321/2014.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue: 31 March 2017

Date of this revision: 22 June 2020

Revision No: 8

Signed:



Anders Vestgård  
Head of the Section for Maintenance and Production Organisations

For the Competent Authority: Swedish Transport Agency, Civil Aviation and Maritime Department

## MAINTENANCE ORGANISATION APPROVAL SCHEDULE

Reference: SE.145.0147

Organisation: **Advantage Turbine Services Sweden AB**

(Reg.No: 559075-2068)  
c/o Adv. Aviation Service Sweden AB  
Marma 113  
741 93 Knivsta

Base maintenance location: **145 Main Component Knivsta**

CLASS	RATING	LIMITATION
<b>B - Engines</b>	B1 Turbine	CFM56 series
		CFM LEAP-1B
		Engine Alliance GP7200 series
		General Electric CF6 series
		General Electric CF34 series
		International Aero Engines V2500-series
		Pratt & Whitney JT9D series
		Pratt & Whitney PW100 series
		Pratt & Whitney PW2000 series
		Pratt & Whitney PW4000 series
		Rolls-Royce Deutschland BR700-710 Series engines
		Rolls-Royce Deutschland BR700-715 series engines
		CFM LEAP-1A
		General Electric CT7 series
		Pratt & Whitney JT8D-200 series
	B3 APU	Hamilton Sundstrand APS2000
		Hamilton Sundstrand APS2100
		Hamilton Sundstrand APS3200
		Honeywell 131 series
		Honeywell GTCP 85 series
Honeywell RE-220		

This approval schedule is limited to those products, parts and appliances and to the activities specified in the scope of work section of the approved maintenance organisation exposition.

Maintenance Organisation Exposition reference: TSL 2020-4062

## MAINTENANCE ORGANISATION APPROVAL SCHEDULE

Reference: SE.145.0147

Organisation: **Advantage Turbine Services Sweden AB**

(Reg.No: 559075-2068)  
c/o Adv. Aviation Service Sweden AB  
Marma 113  
741 93 Knivsta

Base maintenance location: **145 Main Component Knivsta**

Date of original issue: 2017-03-01

Date of this revision: 2020-04-01

Revision No: 12

Signed:



Anders Vestgård

Head of the Section for Maintenance and Production Organisations

For the Competent Authority: Swedish Transport Agency, Civil Aviation and Maritime Department