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**A001 . Issuance and Applicability**

**HQ Control: 11/16/2004**

**HQ Revision: 050**

a. These operations specifications are issued to Triumph Instruments - Burbank, a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:  
2840 N Ontario Street  
Burbank, California 91504

b. The holder of these operations specifications is the holder of Certificate Number RB1R197K and shall hereafter be referred to as the certificate holder.

c. These operations specifications are issued as part of this Repair Station Certificate, and are in effect as of the Date Approval is effective. This certificate and operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.

d. The repair station specified on these operations specifications performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on U.S.-registered aircraft under the terms and conditions of a Bilateral Aviation Safety Agreement and associated Maintenance Implementation Procedures Agreement between the United States Government and a Government identified in Advisory Circular 145-7, as revised.

e. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

None.

Delegated authorities: None.



**A002 . Definitions and Abbreviations**

**HQ Control: 11/15/2010**

**HQ Revision: 05a**

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

**Bilateral Aviation  
Safety Agreement  
(BASA)**

An executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety.

**Certificate Holder**

In these operations specifications the term "certificate holder" shall mean the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate.

**CFR**

Code of Federal Regulations

**Class rating**

As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics.

**Domestic Repair  
Station**

A certificated repair station located in the United States.

**Exemption**

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, Part 11.

**FAA Accountable  
Manager**

A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA.

**FAA Form 8000-4-1**

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

**Foreign Repair  
Station**

A certificated repair station located outside of the United States.

**Geographic  
Authorization**

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or operator of U.S. - registered aircraft under 14 CFR Part 129, at a location other

than the repair station facility. A geographic authorization is issued by the FAA to respond to the need of a U.S. air carrier or Part 129 foreign operator for maintenance at a station where the frequency and scope of that maintenance does not warrant permanently staffing and equipping the station for its accomplishment.

**EASA**

European Aviation Safety Agency

**EASA Accountable  
Manager**

The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full member Authority.

**Limited Rating**

Rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.

**Limited Ratings -  
Specialized Services**

Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.

**Line Maintenance**

Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.

**Maintenance**

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

**Maintenance  
Implementation  
Procedures (MIP)**

Procedures for implementing the provisions of a BASA that apply to maintenance.

**MOE**

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

**Preventive  
Maintenance**

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

**QCM**

Quality Control Manual

**RSM**

Repair Station Manual



**A003 . Ratings and Limitations**

**HQ Control: 01/30/2004**

**HQ Revision: 010**

The Certificate Holder is authorized the following Ratings and/or Limitations:

**Class Ratings**

Instrument Class 1: Mechanical

Instrument Class 2: Electrical

Instrument Class 3: Gyroscopic

Instrument Class 4: Electronic

Accessory Class 1: Mechanical Accessories

Accessory Class 2: Electrical Accessories

Accessory Class 3: Electronic Accessories

Radio Class 1: Communications Equipment

Radio Class 2: Navigational Equipment

Radio Class 3: Radar Equipment

**Limited Ratings**

**Rating Manufacturer Make/Model**

Airframe	AERO	100 SERIES
	COMMANDER	200 SERIES
	AEROSPATIALE (EADS)	AS-300 Series ATR-42 Series ATR-46 Series SA-300 Series
	AEROSTAR	600 Series 700 Series
	AIRBUS	A-300 Series
	AMD	AMD-10 AMD-20 AMD-50 AMD-100 AMD-200
	AERONCA	7AC 11AC 15AC Model 50 Chief Model 65 CA Super Chief
	AUGUSTA	A-109

**Limitations**

Airframe alterations and repairs associated with avionics and instrument systems component installations. All work to be performed in accordance with applicable aircraft manufacturers specifications and, other FAA Approved Data.

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
		A-119	
	BAE	BAE-125 Series BAE-146	
	BEECH	BE-10 Series BE-20 Series BE-30 Series BE-40 Series BE-50 Series BE-60 Series BE-70 Series BE-90 Series BE-100 Series BE-200 Series BE-300 Series BE-400 Series BE-800 Series BE-1000 Series BE-1900 Series	
	BELL / TEXTRON	BHT-47 BHT-200 Series BHT-400 Series	
	BLANCA	BL-7 Series BL-17 Series BL-149 BL-1419	
	BOEING	B-700 Series	
	BOLKOW	BO-105 BK-117	
	BOMBARDIER	BD-100 Series BD-700 Series	
	BRITTEN- NORMAN	BN-2 Series	
	CANADAIR	CL-600 Series	
	CASA	C-212 Series C-235 Series	
	CESSNA	100 Series 200 Series 300 Series 400 Series 500 Series 600 Series 700 Series 800 Series 1000 Series	
	CIRRUS	SR-20 SR-22	
	COMMANDER	114	
	COVAIR	CV-240 Series CV-340 Series CV-440 Series CV-600 Series	
	DASSAULT	Falcon 7X, 10, 900EX, 2000,	

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
		2000EX, Fan Jet, Fan Jet Series C through G, Mystere-Falcon 20 Series C5 through F5, Mystere- Falcon 50, 200, 900.	
	De HAVILLAND	DHC-1 Series DHC-2 Series DHC-3 Series DHC-4 Series DHC-6 Series DHC-7 Series DHC-8 Series	
	DORNIER	DO-228 Series DO-328 Series	
	DOUGLAS	DC-2 Series DC-3 Series DC-4 Series DC-6 Series DC-7 Series DC-8 Series DC-9 Series DC-10 Series MD-10 Series MD-11 Series MD-88 Series MD-90 Series	
	EMBRAER	EMB-110 Series EMB-120 Series EMB-135 Series EMB-145 Series	
	ENSTROM	F-28 Series	
	EUROCOPTER	EC-120 Series EC-130 Series EC-155 Series	
	EXTRA	EA-300 EA-400	
	FOKKER	F-27 Series F-28 Series F-100 Series	
	FAIRCHILD	SA-226 Series SA-227 Series	
	GRUMMAN	HU-16 Series G-164 Series	
	GULFSTREAM	GA-AA Series GA-AG Series GA-IV Series GA-V Series GA-100 Series GA-200 Series GA-159 Series GA-500 Series GA-600 Series GA-700 Series GA-1159 Series	

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
	HUGHES	HU-269 Series HU-369 Series HU-500 Series	
	HAWKER SIDDELEY	DH-125 Series HS-125 Series	
	ISRAEL AIRCRAFT	IA-1121 IA-1123 IA-1124 IA-1125 ASTRA GALAXY	
	LEAR	LR-20 Series LR-30 Series LR-45 Series LR-55 Series LR-60 Series	
	LOCKHEED	L-18 L-49 L-88 L-282 L-382 L-1011 L-1049 L-1649	
	LUSCOMBE	LL-8 LL-11	
	MD HELICOPTER	HU-600 MD-900	
	MITSUBISHI	MU-2 Series MU-300 Series	
	MOONEY	M 18 Series M 20 Series	
	NORTH AMERICAN	NAVION NA-265 T-6 P-51	
	PIAGGIO	P-149 P-180 Series	
	PILATUS	PC-6 Series PC-7 Series PC-9 Series PC-12 Series	
	PIPER	PA-E2 Series PA-F2 Series PA-J2 Series PA-J3 Series PA-J4 Series PA-J5 Series PA-10 Series PA-20 Series PA-30 Series PA-40 Series PA-60 Series	
	PITTS	S1 Series	

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
		S2 Series	
	RAYTHEON	HAWKER XP	
	ROBINSON	R-22 Series	
		R-44 Series	
	SAAB	340 Series	
		2000 Series	
	SHORTS	SC-7	
		330 Series	
		360 Series	
	SIKORSKY	S-55 Series	
		S-56 Series	
		S-58 Series	
		S-60 Series	
		S-70 Series	
		S-76 Series	
		S-92 Series	
	STEARMAN	Model 75 Series	
	STINSON	SM-1 Detroit	
		SR-1/10 Reliant	
	COLLINS	APS-65	
		APS-85	
		AP-104	
		AP-105	
		AP-106	
		AP-107	
		PRO LINE 21	
		PRO LINE 4	
	HONEYWELL	SPZ-200	
		SPZ-500	
		SPZ-600	
		SPZ-800	
		SPZ-8000	
		SPZ-8400	
		SP-50G	
	S-TEC	SYSTEM 20	
		SYSTEM 30	
		SYSTEM 40	
		SYSTEM 50	
		SYSTEM 55	
		SYSTEM 60	

**Limited Ratings - Specialized Services**

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
None Authorized.		



**A004 . Summary of Special Authorizations and Limitations**

**HQ Control: 09/23/1998**

**HQ Revision: 010**

**a. The certificate holder, in accordance with the reference paragraphs, is authorized to:**

	Reference Paragraphs
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100

**b. The certificate holder is *not authorized and shall not*:**

	Reference Paragraphs
Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107



**A007 . Designated Persons**

**HQ Control: 12/19/2006**

**HQ Revision: 030**

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

**Table 1 – Designated Persons to Apply for and Receive Authorizations**

Title	Name	Parts Authorized
EASA Accountable Manager, 145 / General Manager	Suedkamp, Dennis	A,D
FAA Accountable Manager, 145 / General Manager	Suedkamp, Dennis	A,D
Chief Inspector / Director Of Quality Control	Lyons, Howard A.	A,D

b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (INFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

**Table 2 – Designated to Receive INFO Messages**

Name	Email Address	Telephone No.	Type of Information to Receive
Suedkamp, Dennis	dsuedkamp@triumphgroup.com	818-246-8431	ALL
Lyons, Howard	hlyons@triumphgroup.com	818-246-8431	ALL
McArthur, Jim	jmcArthur@triumphgroup.com	818-246-8431	ALL



**A101 . Additional Fixed Locations**

**HQ Control: 11/16/2004**

**HQ Revision: 010**

a. The certificate holder may perform work at the following additional fixed location(s) listed in Table 1, provided it has the facilities, material, equipment and technical personnel to perform the work authorized :

**Table 1**

Additional Location Address(es)				
Address	City	State	Country	Postal Code
7415 Hayvenhurst Place	Van Nuys	California	UNITED STATES	91406

- b. This authorizes the certificate holder to use multiple locations to perform its operations under a single certificate.
- c. This authorization does not constitute a geographic authorization for work performed at another location.
- d. The certificate holder may perform continuous operations at the facilities listed in Table 1 above.
- e. Privileges of a line station, as set forth by any EASA line station rating, are authorized at these locations, as applicable.
- f. All the authorizations and exemptions authorized for the certificate holder apply at these locations, as applicable.

*At the present time there is no EASA Certificate Authorization conferred by EASA, upon this additional location.*



**A449 . Antidrug and Alcohol Misuse Prevention Program**

**HQ Control: 07/17/2009**

**HQ Revision: 00a**

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 91.147.
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 120 and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:

**Table 1**

<b>Location &amp; Telephone of Antidrug and Alcohol Misuse Prevention Program Records:</b>	
<b>Telephone Number:</b>	A1 818-245-8431
<b>Address:</b>	2840 N. Ontario Street
<b>Address:</b>	N/A
<b>City:</b>	Burbank
<b>State:</b>	CA
<b>Zip code:</b>	91504

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
  - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
  - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

The certificate holder has fewer than 50 safety-sensitive employees.



**D100 . Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)** HQ Control: 11/16/2004  
HQ Revision: 050

- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

**Table 1**

<b>Work Authorized</b>	<b>Repair Stations Manual References</b>	<b>Quality Control Manual References</b>
Authorized maintenance for work off-site will be accomplished in accordance with the Approved Ratings, as listed in Paragraph A003.	Section VI	Section II

- b. The certificate holder **may not** perform **continuous** operation at a facility other than the station's Fixed Location listed in paragraph A001, and paragraph A101 if issued.
- c. Line Stations. Privileges of a line station, as set forth by the EASA certificate and scope of work and located within the country where the main facility is domiciled are listed in Table 1 are authorized.
- d. Work may be due to a special circumstance or on a recurring basis. If on a recurring basis, the repair station must have procedures in its manual.

