

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
SOCIALIST REPUBLIC OF VIETNAM

BỘ GIAO THÔNG VẬN TẢI
MINISTRY OF TRANSPORTATION



CỤC HÀNG KHÔNG VIỆT NAM
CIVIL AVIATION AUTHORITY OF VIETNAM

GIẤY CHỨNG NHẬN PHÊ CHUẨN
APPROVED MAINTENANCE ORGANIZATION

Số/Number: VN-268/CAAV

Căn cứ Luật Hàng không dân dụng Việt Nam và các quy định hiện hành, Cục Hàng không Việt Nam chứng nhận:
Pursuant to the Civil Aviation Regulations of Vietnam being in force, the Civil Aviation Authority of Vietnam hereby certifies:

CÔNG TY TRÁCH NHIỆM HỮU HẠN MỘT THÀNH VIÊN KỸ THUẬT MÁY BAY
VIETNAM AIRLINES ENGINEERING Co., Ltd. (VAECO)

Địa chỉ/whose business address is:

Sân bay quốc tế Nội Bài, huyện Sóc Sơn, Hà Nội, Việt Nam.
Noi Bai International Airport, Soc Son district, Ha Noi, Viet Nam.

là Tổ chức bảo dưỡng được phê chuẩn với các năng định được liệt kê tại tài liệu Phạm vi hoạt động/
as Approved Maintenance Organization with the ratings specified in Operations Specifications.

Giấy chứng nhận này xác nhận CÔNG TY TNHH MTV KỸ THUẬT MÁY BAY được thực hiện bảo dưỡng theo các điều kiện nêu trong tài liệu Phạm vi hoạt động đính kèm.
This certificate certifies that VIETNAM AIRLINES ENGINEERING Co., Ltd. is authorized to perform maintenance, as defined in the attached Operations Specifications.

Giấy chứng nhận này có hiệu lực đến ngày hết hạn nếu không bị đình chỉ, thu hồi trước thời hạn.
This Certificate unless cancelled, suspended or revoked shall continue in effect until the following date of expiry.

Ngày cấp/Date of issue: 28 / 12 / 2020

Ngày hết hạn/ Date of expiry: 31 / 12 / 2021



PHÓ CỤC TRƯỞNG
Võ Huy Cường



SECTION A – APPROVED MAINTENANCE ORGANISATION CONTACT INFORMATION

1. **Official Name & Number.** These operations specifications are issued to the holder of the Approved Maintenance Organisation Certificate listed below. These operations specifications detail the authorisations that have been issued to this AMO holder. No authorisations other than those listed within the sections of these operations specifications have been issued by the CAAV.

Organisation Number	Organisation Name
VN-268/CAAV	VIETNAM AIRLINES ENGINEERING COMPANY LTD.

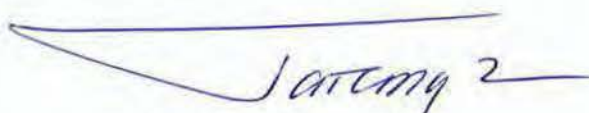
2. **Other Business Name(s).** The business names that this AMO holder is authorized to use during the conduct of activities authorised by these operations specifications are listed below. No other names may be used in advertisement or during the conduct of approved activities.

Effective Date	Other Business Name
N/A	N/A


3. **Organisation Certificate.** The organisation certificate that has been issued to this AMO holder is listed below. The organisation may not conduct maintenance under any certificate or license other than that listed here.

Organisation Identifier	Type of Certificate	Effective Date	Control number
VAECO	AMO	01-Jan-2008	VN-268/CAAV

A. CAAV APPROVAL: This section of the Operations Specifications is approved by direction of the Director General, CAAV

1. Approving Authority Signature, Name & Title:	2. Effective Date:	3. Amendmt #:
 TA MINH TRONG Deputy Director - FSSD/CAAV	30-Dec-2016	01

B. ORGANISATION CERTIFICATION: I hereby accept and receive this section of the Operation Specifications:

1. Company Official Signature & Name:	2. Title:	3. Date Signed
 Mai Tuấn Anh	TỔNG GIÁM ĐỐC ACCOUNTABLE MANAGER	30-DEC-2016



AMO Operations Specifications
Civil Aviation Authority of Vietnam
Flight Safety Standards Department

Notice

This document is issued as a supplement to the display certificate issued to this AMO. The authorisations contained within this document represent the complete authorisations granted to this AMO. No other maintenance functions are authorized.
This document must be presented upon the request of the authorities of any State.

SECTION B – BASE, LINE AND OFFICIAL RECORDS LOCATION INFORMATION

1. Official Bases. The location of the base(s) of this AMO holder that are acceptable to the CAAV are listed below. The organisation may not change these locations without giving 30-day notice of proposed change.

Type of Location	Address	Contact Person	Telephone
Business Office	Noi Bai International Airport, Hanoi, Vietnam	Ha Tien Dung	+84 90 3202744
Main Maintenance Base	Noi Bai International Airport, Hanoi, Vietnam	Ha Tien Dung	+84 90 3202744
	Tan Son Nhat International Airport, Ho Chi Minh city, Vietnam	Ha Tien Dung	+84 90 3202744


2. Line Maintenance Authorisation. The location of the line(s) of this AMO Holder that are acceptable to the CAAV are listed below:

NOI BAI (HAN), TAN SON NHAT (SGN), DA NANG (DAD), DIEN BIEN (DIN), CAT BI (HPH), VINH (VII), DONG HOI (VDH), PHU BAI (HUI), CAM RANH (CXR), BUON MA THUOT (BMV), PHU CAT (UIH), TUY HOA (TBB), THANH HOA (THD), LIEN KHUONG (DLI), CHU LAI (VCL), PLEIKU (PXU), RACH GIA (VKG), PHU QUOC (PQC), TRA NOC (VCA), CA MAU (CAH), CON SON (VCS), VAN DON (VDO).


3. Location of Records. The location of the official records of this AMO Holder that acceptable to the CAAV is listed below. The organisation may not change these locations without giving 30-day notice of proposed change.

Type of Location	Address	Contact Person	Telephone
Management Qualification Records	Noi Bai International Airport, Hanoi, Vietnam	Ha Tien Dung	+84 90 3202744
Certifying Staff Qualification and Authorisations	Noi Bai International Airport, Hanoi, Vietnam	Ha Tien Dung	+84 90 3202744
Personnel Training Records	Noi Bai International Airport, Hanoi, Vietnam	Ha Tien Dung	+84 90 3202744
Records of Work Performed	Noi Bai International Airport, Hanoi, Vietnam	Ha Tien Dung	+84 90 3202744

A. CAAV APPROVAL: This section of the Operation Specifications is approved by direction of the Director-General, CAAV:

1. Approving Authority Signature, Name & Title:	2. Effective Date:	3. Amendmt #:
 TA MINH TRONG Deputy Director - FSSD/CAAV	23-Mar-2020	05

B. ORGANISATION CERTIFICATION: I hereby accept and receive this section of the Operation Specifications:

1. Company Official Signature & Name:	2. Title:	3. Date Signed
 Phạm Đăng Thanh	Q, TỔNG GIÁM ĐỐC	25 Mar 2020



AMO Operations Specifications
Civil Aviation Authority of Vietnam
Flight Safety Standards Department

Notice

This document is issued as a supplement to the display certificate issued to this AMO. The authorisations contained within this document represent the complete authorisations granted to this AMO. No other maintenance functions are authorized.
This document must be presented upon the request of the authorities of any State.

SECTION C – APPROVED MAINTENANCE ORGANISATION CONTACT INFORMATION


1. Management Personnel. The critical management personnel authorized to act on behalf the AMO holder are listed below. The persons listed are the only persons recognized by the CAAV to make key management decisions for the organisation.

Management Position	Last Name	Telephone	Effective Date	Remark
Accountable Manager	Pham Dang Thanh	+84 90 4127722	03-Feb-2020	thanhpham.vaeco@vietnamairlines.com
Base Maintenance Manager	Tran Thanh Phong	+84 98 8955499	24-May-2017	phongtran.vaeco@vietnamairlines.com
Line Maintenance Manager	Pham Anh Tuan	+84.988559294	12 Mar 2019	tuanpa.vaeco@vietnamairlines.com
Workshop Manager	Tran Thanh Phong	+84 98 8955499	01-Sep-2019	phongtran.vaeco@vietnamairlines.com
Safety and Quality Assurance Manager	Ha Tien Dung	+84 90 3202744	03-Feb-2020	dunght.vaeco@vietnamairlines.com


2. CAAV Contacts. The contact points within the CAAV are listed below. The persons listed have been delegated the authority to make key decisions regarding the AMO holder's authorisations.

Management Position	Name	Telephone	Email
CAAV Inspector	Nguyen Duc Hung	+84 982058824	nguyenduchung@caa.gov.vn
CAAV Inspector	Tran Quang Hieu	+84 912011174	hieutq@caa.gov.vn

A. CAAV APPROVAL: This section of the Operations Specifications is approved by direction of the Director-General, CAAV:

1. Approving Authority Signature, Name & Title:	2. Effective Date:	3. Amendmt #:
 TA MINH TRONG Deputy Director - FSSD/CAAV	07-Feb-2020	08

B. ORGANISATION CERTIFICATION: I hereby accept and receive this section of the Operation Specifications:

1. Company Official Signature & Name:	2. Title:	3. Date Signed
 Phạm Đăng Thanh	Q. TỔNG GIÁM ĐỐC	10-FEB-2020



SECTION D – RATINGS ISSUED TO THIS APPROVED MAINTENANCE ORGANISATION

The AMO holder is issued maintenance authorisations to conduct the following maintenance programs. These programs shall be administered at all times be in conformance with the Vietnam Aviation Regulations specified limiting factor and the documents listed as the basis for the authorisation.

Limited ratings:

RATINGS	MANUFACTURER	MAKE/ MODEL	MAINTENANCE LIMITATION
AIRFRAME	BOEING	B777 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 24000FH or 32000FC or 6000DY or equivalent at HAN and HCM; - Limited to line maintenance as detail in the approved Capability List, as amended. <i>Note 2 below is applicable</i>
		B737 series	<ul style="list-style-type: none"> - Limited to line maintenance as detail in the approved Capability List, as amended. <i>Note 1 & 2 below are applicable.</i>
		B787 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 12000FH or 5000FC or 02Years or equivalent at HAN. - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 18000FH or 6000FC or 5Years or equivalent at HCM. - Limited to line maintenance as detail in the approved Capability List, as amended. <i>Note 2 below are applicable.</i>
	AIRBUS	A319/A320/ A321 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 45000FH or 27400FC or 12Years or equivalent at HAN and HCM; - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 6000FH or 6000FC or 24MO or equivalent at DAD. - Limited to line maintenance as detail in the approved Capability List, as amended. <i>Note 2 below is applicable</i>

**CAAV/FSSD
CONTROL**



AMO Operations Specifications
Civil Aviation Authority of Vietnam
Flight Safety Standards Department

Notice

This document is issued as a supplement to the display certificate issued to this AMO. The authorisations contained within this document represent the complete authorisations granted to this AMO. No other maintenance functions are authorized.
This document must be presented upon the request of the authorities of any State.

RATINGS	MANUFACTURER	MAKE/ MODEL	MAINTENANCE LIMITATION
		A330 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 60000FH or 20000FC or 12Years or equivalent at HAN. - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 3200FH or 1200FC or 12MO or equivalent at HCM. - Limited to Line maintenance as detail in the approved Capability List, as amended. <i>Note 2 below is applicable</i>
		A350 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations and inspections up to and not including checks to be performed at every 28000FH or 7000FC or 72MO or equivalent at HAN. - Limited to maintenance, preventive maintenance, alterations and inspections up to but not including checks to be performed at every 12000FH or 3000FC or 24MO or equivalent at HCM. - Limited to line maintenance as detail in the approved Capability List, as amended. <i>Note 2 below are applicable.</i>
	ATR	ATR42/72 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations and inspections up to and including checks to be performed at every 20000FH or 36000FC or 12Years or equivalent at HCM. - Limited to line maintenance as detail in the approved Capability List, as amended. <i>Note 2 below is applicable.</i>
POWER - PLANT	GENERAL ELECTRIC	GE90 series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected Airframe rating. <i>Note 2 and Note 3 below is applicable.</i>
		GENx series	<ul style="list-style-type: none"> - Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note2 and Note 3 below is applicable.</i>

**CAAV/FSSD
CONTROL**

15/05/2020



AMO Operations Specifications
Civil Aviation Authority of Vietnam
Flight Safety Standards Department

Notice
This document is issued as a supplement to the display certificate issued to this AMO. The authorisations contained within this document represent the complete authorisations granted to this AMO. No other maintenance functions are authorized.
This document must be presented upon the request of the authorities of any State.

RATINGS	MANUFACTURER	MAKE/ MODEL	MAINTENANCE LIMITATION
	PRATT & WHITNEY	PW4000 series	- Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
		PW124/127 series	- Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
		PW1100 series	- Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
	CFM INTERNATIONAL	CFM56 series	- Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
		LEAP-1A series	- Limited to line maintenance on power-plants installed on the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
	INTERNATIONAL AERO ENGINES	V2500 series	- Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
	ROLLS-ROYCE	Trent XWB series	- Limited to maintenance, preventive maintenance, alterations on power-plants installed on or removed from the aircraft as mentioned in the respected airframe rating. <i>Note 2 and Note 3 below is applicable</i>
ACCESSORIES	From the accepted Capability List, as amended	From the accepted Capability List, as amended	- Limited to maintenance as detail in the approved Capability List, as amended. <i>Note 2 below is applicable</i>
NON-DESTRUCTIVE TEST	Various	Various	- Eddy Current Inspection - Ultrasonic Inspection - Liquid Penetrant Inspection - Magnetic Particle Inspection - Radiography Inspection - Thermography Inspection <i>Note 4 below is applicable.</i>

**CAAV/FSSD
CONTROL**

15/05/2020



AMO Operations Specifications
Civil Aviation Authority of Vietnam
Flight Safety Standards Department

Notice

This document is issued as a supplement to the display certificate issued to this AMO. The authorisations contained within this document represent the complete authorisations granted to this AMO. No other maintenance functions are authorized.
This document must be presented upon the request of the authorities of any State.



NOTE 1: In regards to VAECO determining equivalent inspections: It is noted that air carriers have individually approved maintenance programs which may vary from the manufacturer's Maintenance Planning Document (MPD). In these cases it is acceptable for VAECO to deviate from the manufacturer's MPD requirements and comply with the equivalent air carriers approved maintenance program.

NOTE 2: All maintenance must be accomplished in accordance with current air carrier and/or original equipment manufacturer's maintenance manuals or other CAAV acceptable/approved data.

NOTE 3: Authorized maintenance under the power-plant rating:

- (1) Removal and installation of accessories from an engine.
- (2) Opening and closing of access panels, doors, cowling, and nacelles, as needed, to gain access to the power-plant, controls, or accessories.
- (3) Maintenance (excluding major repair and alterations) includes the following:
 - AD/SB/MOD embodied on power-plant installed on an aircraft.
 - Maintenance to be performed on-wing using EMM.
 - Borescope Inspection on power-plant installed on or removed from an aircraft.
 - Build-up or split two parts of an engine
 - Preservation of an engine installed on or removed from an aircraft.

NOTE 4: All maintenance must be in accordance with current air carrier and or original equipment manufacturer's maintenance manuals, VAECO NDT Manual, as revised or other CAAV acceptable/ approved data. VAECO NDT manual must not contradict or conflict with the air carrier or original equipment manufacturer's maintenance manuals.

A. CAAV APPROVAL: This section of the Operations Specifications is approved by direction of the Director-General, CAAV:		
1. Approving Authority Signature, Name & Title:	2. Effective Date:	3. Amendt #:
 TA MINH TRONG Deputy Director - FSSD/CAAV	15-May-2020	15
B. ORGANISATION CERTIFICATION: I hereby accept and receive this section of the Operation Specifications:		
1. Company Official Signature & Name:	2. Title:	3. Date Signed
 Phạm Đăng Thanh	Q, TỔNG GIÁM ĐỐC	19-May-2020



AMO Operations Specifications
Civil Aviation Authority of Vietnam
Flight Safety Standards Department

Notice

This document is issued as a supplement to the display certificate issued to this AMO. The authorisations contained within this document represent the complete authorisations granted to this AMO. No other maintenance functions are authorized.
This document must be presented upon the request of the authorities of any State.


SECTION E – WORK PERFORMED AT A LOCATION OTHER THAN BASE AND OFFICIAL RECORDS LOCATION INFORMATION

1. Locations. The AMO holder may perform work at a place other than its fixed locations under special circumstances provided that it has the facilities, materials, equipment, technical data and technical personnel to perform the work authorized in the following table:

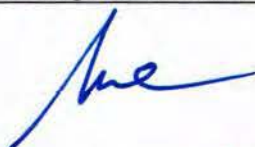
Work Authorized	Procedures Manual Reference	Contact Person	Telephone
As specified in Section D of these OpSpecs	MOE Part 2 Chapter 11	Ha Tien Dung	+84 903202744

2. Prohibition. The AMO holder may not perform continuous operation at a facility other than the AMO fixed locations listed in Section B of these operations specifications.

A. CAAV APPROVAL: This section of the Operations Specifications is approved by direction of the Director-General, CAAV:

1. Approving Authority Signature & Title:	2. Effective Date:	3. Amendmt #:
 TA MINH TRONG Deputy Director - FSSD/CAAV	07-Feb-2020	02

B. ORGANISATION CERTIFICATION: I hereby accept and receive this section of the Operations Specifications:

1. Company Official Signature & Name:	2. Title:	3. Date Signed
 Phạm Đăng Thanh	Q. TỔNG GIÁM ĐỐC	10-FEB-2020