



GOVERNMENT GAZETTE

OF THE

REPUBLIC OF NAMIBIA

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No. 1643

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General Notice

MINISTRY OF WORKS, TRANSPORT AND COMMUNICATION

No. 225

1997

PROPOSED CIVIL AVIATION REGULATIONS :

PART 148 - ORGANISATIONS : MANUFACTURING ORGANISATIONS

The Ministry of Works, Transport and Communication recently initiated the project to update the current Namibian aviation legislation. There are two main reasons for updating the aviation legislation, namely, the current legislation does not adequately reflect the policies of Namibia for the aviation sector and does not reflect recent developments within SADC. The project further aims to enhance the safety of civil aviation by ensuring that the Namibian legislation complies with the minimum standards prescribed by the International Civil Aviation Organization.

Part of the short-term legislative reform involves the updating of the regulations made under the Aviation Act, 1962 (Act 74 of 1962).

Due to the nature and extensive range of subjects which need to be regulated, this part of the project will be executed in phases and regulations will be published accordingly. The proposed structure of the Civil Aviation Regulations is set out in Schedule 1.

All the definitions for the proposed civil aviation regulations will be contained and published in Part 1. The definitions for each Part will however be published with each set of proposed regulations, to facilitate the interpretation thereof. The definitions associated with the proposed regulations on manufacturing organisations are set out in Schedule 2.

The Director : Civil Aviation invites all interested parties to comment on the proposed structure of the Civil Aviation Regulations, the proposed definitions associated with the proposed regulations, as well as the proposed regulations on Manufacturing Organisations set out in Schedule 3. The proposed regulations represent Part 148 of the proposed structure.

The proposed regulations on Manufacturing Organisations make provision for certain information to be contained in a document called Document NA-CATS-MORG. The compilation of the document does not form part of this project, but it is envisaged as a document that will contain all the technical standards regarding manufacturing organisations.

Comments or representations should be lodged in writing and should reach the Ministry not later than **90 days** from the date of publication of this notice. Correspondence should be addressed to:

The Director : Civil Aviation

Ministry of Works, Transport and Communication

Department of Transport

Private Bag 12003

WINDHOEK

Attention : Mr Louis Lourens

Telephone : 208-2159

Fax : 238-884

Upon expiry of the aforementioned 90 day period, all comments which have been received will be evaluated for possible incorporation into the proposed regulations on Manufacturing Organisations and if necessary, a workshop will be held to finalise the proposed regulations.

SCHEDULE 1
NAMIBIAN CIVIL AVIATION REGULATIONS STRUCTURE

<p>DEFINITIONS</p> <p>Part 1 Definitions</p> <p>PROCEDURES</p> <p>Part 11 Procedures for making regulations, issuing technical Standards and granting exemptions</p> <p>Part 12 Aviation accidents and incidents</p> <p>Part 13 Enforcement procedures</p> <p>AIRCRAFT</p> <p>Part 21 Certification procedures for products and parts</p> <p>Part 34 Engine Emissions</p> <p>Part 36 Noise certification</p> <p>Part 43 General maintenance rules</p> <p>Part 47 Aircraft registration and marking</p> <p>PERSONNEL</p> <p>Part 61 Pilot licensing</p> <p>Part 63 Flight engineer licensing</p> <p>Part 64 Cabin crew licensing</p> <p>Part 65 Air traffic service personnel licensing</p> <p>Part 66 Aircraft maintenance engineer licensing</p> <p>Part 67 Medical requirements</p> <p>RULES OF THE AIR AND GENERAL OPERATING RULES</p> <p>Part 91 General operating and flight rules</p> <p>Part 92 Conveyance of dangerous goods</p> <p>Part 98 Operation of powered paragliders</p> <p>Part 100 Operation of gyroplanes</p> <p>Part 101 Operation of unmanned balloons, kites, rockets, pilotless and model aircraft</p> <p>Part 102 Operation of free balloons and airships</p> <p>Part 103 Operation of microlight aeroplanes</p> <p>Part 104 Operation of gliders</p> <p>Part 105 Parachuting operations</p> <p>Part 106 Operation of hang gliders</p>	<p>CERTIFICATED AIRCRAFT OPERATORS AND OTHER FLIGHT OPERATIONS</p> <p>Part 121 Air transport operations - large aeroplanes</p> <p>Part 127 Air transport operations - helicopter</p> <p>Part 133 Helicopters external load operations</p> <p>Part 135 Air transport operations - small aeroplanes</p> <p>Part 137 Agricultural aircraft operations</p> <p>Part 138 Emergency medical services operations</p> <p>ORGANISATIONS</p> <p>Part 141 Aviation training organisations</p> <p>Part 145 Aircraft maintenance organisations</p> <p>Part 147 Design organisations</p> <p>Part 148 Manufacturing organisations</p> <p>Part 149 Aviation recreation organisations</p> <p>AERODROMES AND HELIPORTS</p> <p>Part 139 Licensing</p> <p>Part 139 General standards</p> <p>AIR TRAFFIC SERVICES</p> <p>Part 172 Airspace and air traffic services</p> <p>AERONAUTICAL INFORMATION AND RELATED SERVICES</p> <p>Part 174 Meteorological information services</p> <p>Part 175 Aeronautical information services</p> <p>ADMINISTRATION</p> <p>Part 183 General</p> <p>Part 185 Offences</p> <p>Part 187 Fees</p>
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SCHEDULE 2**Definitions**

In these regulations, unless the context otherwise indicates -

“appliance” means any instrument, mechanism, equipment, part, apparatus, appurtenance or accessory, including communications equipment, that is used or intended to be used in operating or controlling an aircraft in flight, is installed in or attached to the aircraft, and is not part of an airframe, engine or propeller;

“aircraft” means an aircraft, including its engines, propellers, rotors, components, parts, equipment, instruments, accessories and materials;

“Document NA-CATS-MORG” means a document on the Namibian Civil Aviation Technical Standards relating to Manufacturing Organisations, which is published by the Director in terms of the Act; and

“product” means an aircraft, aircraft engine or propeller, and includes the types of products or the types of aircraft referred to in Part 21.

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SUBPART 1
GENERAL

Applicability

148.01.1 This Part shall apply to the approval and operation of manufacturing organisations which -

- (a) manufacture specified products, parts or appliances;
 - (b) apply specified processes to products, parts or appliances;
- and
- (c) carry out specified tests on products, parts or appliances.

Display of manufacturing organisation approval

148.01.2 The holder of a manufacturing organisation approval shall display the approval in a prominent place, generally accessible to the public at such holder's principal place of business and, if a copy of the approval is displayed, shall produce the original approval to an authorised officer, inspector or authorised person if so requested by such officer, inspector or person.

Advertisements

148.01.3 Any advertisement by an organisation indicating that it is a manufacturing organisation, shall reflect the number of the manufacturing organisation approval issued by the Director.

Safety inspections and audits

148.01.4 (1) An applicant for the issuing of a manufacturing organisation approval shall permit an authorised officer, inspector or authorised person to carry out such safety inspections and audits which may be necessary to verify the validity of any application made in terms of regulation 148.02.6, regulation 148.03.6 or regulation 148.04.6, as the case may be.

(2) The holder of a manufacturing organisation approval shall permit an authorised officer, inspector or authorised person to carry out such safety inspections and audits, including safety inspections and audits of its partners or sub-contractors, which may be necessary to determine compliance with the appropriate requirements prescribed in this Part.

Suspension and cancellation of manufacturing organisation approval and appeal

148.01.5 (1) An authorised officer, inspector or authorised person may suspend for a period not exceeding 30 days, a manufacturing organisation approval issued under this Part, if -

- (a) after a safety inspection and audit carried out in terms of regulation 148.01.4, it is evident that the holder of the approval does not comply with the requirements prescribed in this Part, and such holder fails to remedy such non-compliance within 30 days after receiving notice in writing from the authorised officer, inspector or authorised person to do so; or

- (b) the authorised officer, inspector or authorised person is prevented by the holder of the approval, or any of its partners or subcontractors, to carry out a safety inspection and audit in terms of regulation 148.01.4; or
- (c) the suspension is necessary in the interests of aviation safety.

(2) The authorised officer, inspector or authorised person who has suspended an approval in terms of subregulation (1), shall deliver a report in writing to the Director, stating the reasons why, in his or her opinion, the suspended approval should be cancelled.

(3) The authorised officer, inspector or authorised person concerned shall submit a copy of the report referred to in subregulation (2), to the holder of the approval which has been suspended, and shall furnish proof of such submission for the information of the Director.

(4) The holder of an approval who feels aggrieved by the suspension of the approval may appeal against such suspension to the Director, within 30 days after such holder becomes aware of such suspension.

(5) An appellant shall deliver an appeal in writing, stating the reasons why, in his or her opinion, the suspension should be varied or set aside.

(6) The appellant shall submit a copy of the appeal and any documents or records supporting such appeal, to the authorised officer, inspector or authorised person concerned and shall furnish proof of such submission for the information of the Director.

(7) The authorised officer, inspector or authorised person concerned may, within 30 days of receipt of the copy of the appeal referred to in subregulation (6), deliver his or her written reply to such appeal to the Director.

(8) The Director may -

- (a) adjudicate the appeal on the basis of the documents submitted to him or her; or
- (b) order the appellant and the authorised officer, inspector or authorised person concerned to appear before him or her, either in person or through a representative, at a time and place determined by him or her, to give evidence.

(9) The Director may confirm, vary or set aside the suspension referred to in subregulation (1).

(10) The Director shall -

- (a) if he or she confirms the suspension in terms of subregulation (9); or
- (b) if an approval is suspended in terms of subregulation (1) and the holder thereof does not appeal against such suspension in terms of subregulation (4),

cancel the approval concerned.

Ratings

148.01.6 The ratings for a manufacturing organisation approval are -

- (a) a M rating, to manufacture specified products, parts or appliances;
- (b) a P rating, to apply specified processes to products, parts or appliances; and
- (c) a T rating, to carry out specified tests on products, parts or appliances.

Register of approvals

148.01.7 (1) The Director shall maintain a register of all manufacturing organisation approvals issued in terms of the regulations in this Part.

(2) The register shall contain the following particulars:

- (a) The full name of the holder of the approval;
- (b) the postal address of the holder of the approval;
- (c) the date on which the approval was issued;
- (d) particulars of the rating issued to the holder of the approval; and
- (e) the nationality of the holder of the approval.

(3) The particulars referred to in subregulation (2) shall be recorded in the register within seven days from the date on which the approval is issued by the Director.

(4) The register shall be kept in a safe place at the office of the Director.

(5) A copy of the register shall be furnished by the Director, on payment of the appropriate fee as prescribed in Part 187, to any person who requests the copy.

SUBPART 2
APPROVAL OF MANUFACTURING ORGANISATION (M RATING)

Requirement for approval

148.02.1 No organisation other than the holder of an aircraft maintenance organisation approval with the appropriate rating issued in terms of Part 145, shall manufacture any product, part or appliance except under the authority of, and in accordance with the provisions of, a manufacturing organisation approval with a M rating issued under this Subpart.

Manual of procedure

148.02.2 An applicant for the issuing of a manufacturing organisation approval with a M rating shall provide the Director with its manual of procedure which shall -

- (a) comply with the requirements prescribed in this Subpart; and
- (b) contain the information as prescribed in Document NA CATS-MORG.

Quality assurance system

148.02.3 (1) The applicant shall establish a quality assurance system for the control and supervision of the manufacturing of products, parts or appliances, covered by the application.

(2) The minimum standards for a quality assurance system shall be as prescribed in Document NA-CATS-MORG.

Personnel requirements

- 148.02.4** (1) The applicant shall engage, employ or contract -
- (a) a senior person identified as the accountable manager who has the authority within the manufacturing organisation to ensure that all activities undertaken by such organisation are carried out according to the appropriate requirements prescribed in this Subpart;
 - (b) a competent person who is responsible for quality assurance, and who has direct access to the accountable manager referred to in paragraph (a) on matters affecting airworthiness and aviation safety; and
 - (c) adequate personnel to plan, perform, supervise and inspect the manufacturing of products, parts or appliances, undertaken by the manufacturing organisation.
- (2) The applicant shall establish a procedure for initially assessing, and a procedure for maintaining, the competence of those personnel involved in planning, performing, supervising or inspecting the manufacturing of products, parts or appliances, undertaken by the manufacturing organisation.
- (3) The applicant shall ensure that -
- (a) the personnel in all technical departments are of sufficient numbers and experience and have been given

appropriate authority to be able to discharge their allocated responsibilities; and

- (b) there is full and efficient coordination between departments and within departments in respect of airworthiness matters.

Accommodation, facilities and equipment

148.02.5 The applicant shall satisfy the Director that it has -

- (a) adequate accommodation, facilities and equipment to enable the personnel to manufacture the products, parts or appliances for which the rating is required;
- (b) the technical literature, equipment, materials and facilities necessary to perform adequately all functions appropriate to the rating required;
- (c) suitable accommodation for the proper storage, segregation and protection of the products, parts or appliances concerned and for the materials and supplies to be used;
- (d) established a procedure to control and, where necessary, calibrate tools and other equipment at a frequency and to a standard to ensure serviceability, accuracy and traceability; and
- (e) adequate accommodation, facilities and equipment

to enable the personnel to perform all phases of manufacturing satisfactorily.

Application for approval or amendment thereof

148.02.6 An application for the issuing of a manufacturing organisation approval with a M rating, or an amendment thereof, shall be -

- (a) made to the Director in the appropriate form as prescribed in Document NA-CATS-MORG; and
- (b) accompanied by -
 - (i) the appropriate fee as prescribed in Part 187; and
 - (ii) the manual of procedure referred to in regulation 148.02.2.

Issuing of approval

148.02.7 (1) The Director shall issue a manufacturing organisation approval with a M rating if the applicant complies with the requirements prescribed in regulations 148.02.2 to 148.02.5 inclusive.

(2) The Director shall issue the approval with the rating on the appropriate form as prescribed in Document NA-CATS-MORG.

Privileges

148.02.8 The holder of a manufacturing organisation approval with a M rating shall be entitled to -

- (a) manufacture the products, parts or appliances for which it is rated; and
- (b) provide the Director with such statements of conformity which may be required under Part 21.

Period of validity

148.02.9 (1) A manufacturing organisation approval with a M rating shall be valid for the period determined by the Director, which period shall not exceed five years, calculated from the date of issuing or renewal thereof.

(2) The approval shall remain in force until it expires or is suspended by an authorised officer, inspector of authorised person, or cancelled by the Director, in terms of regulation 148.01.5.

(3) The holder of an approval which expires, shall forthwith surrender the approval to the Director.

(4) The holder of an approval which is suspended, shall forthwith produce the approval upon suspension thereof, to the authorised officer, inspector or authorised person concerned for the appropriate endorsement.

(5) The holder of an approval which is cancelled, shall, within 30 days

from the date on which the approval is cancelled, surrender such approval to the Director.

Transferability

148.02.10 (1) Subject to the provisions of subregulation (2), a manufacturing organisation approval with a M rating shall not be transferable.

(2) A change in ownership of the holder of an approval with a M rating shall be deemed to be a change of significance referred to in regulation 148.02.11.

Changes in quality assurance system

148.02.11 (1) If the holder of a manufacturing organisation approval with a M rating desires to make any change in the quality assurance system referred to in regulation 148.02.3, which is significant to the showing of compliance with the appropriate requirements prescribed in this Part, such holder shall apply to the Director for the approval of such change.

(2) The provisions of regulation 148.02.6 shall apply *mutatis mutandis* to an application for the approval of a change in the quality assurance system.

(3) An application for the approval of a change in the quality assurance system shall be granted by the Director if the applicant satisfies the Director, upon submission of appropriate proposed changes to its manual of procedure, that it will continue to comply with the provisions of regulations 148.02.2 to 148.02.5 inclusive, after the implementation of such approved change.

Duties of holder of approval

148.02.12 The holder of a manufacturing organisation approval with a M rating shall -

- (a) hold at least one complete and current copy of its manual of procedure referred to in regulation 148.02.2, at each work location specified in the manual of procedure;
- (b) comply with all procedures detailed in the manual of procedure;
- (c) make each applicable part of the manual of procedure available to the personnel who require those parts to carry out their duties;
- (d) continue to comply with the appropriate requirements prescribed in this Part;
- (e) have a suitable arrangement with the holder of a design organisation approval issued in terms of Part 147, for the purpose of complying with the appropriate requirements prescribed in terms of Part 21; and
- (f) keep records of the calibrations and the standards referred to in regulation 148.02.5(d) for a period of at least five years calculated from the date of the last entry made in such records.

Documentation

148.02.13 (1) The holder of a manufacturing organisation approval with a M rating shall supply the owner of an aircraft with -

- (a) a certificate of airworthiness for the aircraft, or an export airworthiness approval, as the case may be;
- (b) a copy of the flight manual, approved by the Director; and
- (c) such other documents as such holder or the Director deems necessary for the safe operation of the aircraft.

(2) Subsequent to the issuing of any statement of conformity which may be required under Part 21, the holder of the approval shall institute a system whereby maintenance and operational shortcomings and corrective measures are drawn to the attention of the Director and, after the Director has granted approval, made available to aircraft owners.

Production acceptance test procedure

148.02.14 (1) The holder of a manufacturing organisation approval with a M rating shall establish a production acceptance test procedure and every product, part or appliance manufactured shall be subjected to a test flight in accordance with that procedure.

(2) The procedure referred to in subregulation (1) shall be approved by the Director before it is implemented by the holder of the approval.

SUBPART 3**APPROVAL OF MANUFACTURING ORGANISATION (P RATING)****Requirement for approval**

148.03.1 No organisation other than the holder of an aircraft maintenance organisation approval with the appropriate rating issued in terms of Part 145, shall apply any specified process to any product, part or appliance except under the authority of, and in accordance with the provisions of, a manufacturing organisation approval with a P rating issued under this Subpart.

Manual of procedure

148.03.2 An applicant for the issuing of a manufacturing organisation approval with a P rating shall provide the Director with its manual of procedure which shall -

- (a) comply with the requirements prescribed in this Subpart; and
- (b) contain the information as prescribed in Document NA-CATS-MORG.

Quality assurance system

148.03.3 (1) The applicant shall establish a quality assurance system for the control and supervision of the processing of products, parts or appliances, covered by the application.

- (2) The minimum standards for a quality assurance system shall

be as prescribed in Document NA-CATS-MORG.

Personnel requirements

- 148.03.4** (1) The applicant shall engage, employ or contract -
- (a) a senior person identified as the accountable manager who has the authority within the manufacturing organisation to ensure that all activities undertaken by such organisation are carried out according to the appropriate requirements prescribed in this Subpart;
 - (b) a competent person who is responsible for quality assurance, and who has direct access to the accountable manager referred to in paragraph (a) on matters affecting airworthiness and aviation safety; and
 - (c) adequate personnel to plan, perform, supervise and inspect the processing of products, parts or appliances, undertaken by the manufacturing organisation.
- (2) The applicant shall establish a procedure for initially assessing, and a procedure for maintaining, the competence of those personnel involved in planning, performing, supervising or inspecting the processing of products, parts or appliances, undertaken by the manufacturing organisation.
- (3) The applicant shall ensure that -
- (a) the personnel in all technical departments are of sufficient numbers and experience and have been given

appropriate authority to be able to discharge their allocated responsibilities; and

- (b) there is full and efficient coordination between departments and within departments in respect of airworthiness matters.

Accommodation, facilities and equipment

148.03.5 The applicant shall satisfy the Director that it has -

- (a) adequate accommodation, facilities and equipment to enable the personnel to process the products, parts or appliances for which the rating is required;
- (b) the technical literature, equipment, materials and facilities necessary to perform adequately all functions appropriate to the rating required;
- (c) suitable accommodation for the proper storage, segregation and protection of the products, parts or appliances concerned and for the materials and supplies to be used;
- (d) established a procedure to control and, where necessary, calibrate tools and other equipment at a frequency and to a standard to ensure serviceability, accuracy and traceability; and
- (e) adequate accommodation, facilities and equipment

to enable the personnel to perform all phases of processing satisfactorily.

Application for approval or amendment thereof

148.03.6 An application for the issuing of a manufacturing organisation approval with a P rating, or an amendment thereof, shall be -

- (a) made to the Director in the appropriate form as prescribed in Document NA-CATS-MORG; and
- (b) accompanied by -

and

- (i) the appropriate fee as prescribed in Part 187;
- (ii) the manual of procedure referred to in regulation 148.03.2.

Issuing of approval

147.03.7 (1) The Director shall issue a manufacturing organisation approval with a P rating if the applicant complies with the requirements prescribed in regulations 148.03.2 to 148.03.5 inclusive.

(2) The Director shall issue the approval with the rating on the appropriate form as prescribed in Document NA-CATS-MORG.

Privileges

148.03.8 The holder of a manufacturing organisation approval with a P rating shall be entitled to -

- (a) apply to the products, parts or appliances, the processes for which it is rated; and
- (b) issue the necessary process release certificates or reports.

Period of validity

148.03.9 (1) A manufacturing organisation approval with a P rating shall be valid for the period determined by the Director, which period shall not exceed five years, calculated from the date of issuing or renewal thereof.

(2) The approval shall remain in force until it expires or is suspended by an authorised officer, inspector of authorised person, or cancelled by the Director, in terms of regulation 148.01.5.

(3) The holder of an approval which expires, shall forthwith surrender the approval to the Director.

(4) The holder of an approval which is suspended, shall forthwith produce the approval upon suspension thereof, to the authorised officer, inspector or authorised person concerned for the appropriate endorsement.

(5) The holder of an approval which is cancelled, shall, within 30 days from the date on which the approval is cancelled, surrender such approval to the Director.

Transferability

148.03.10 (1) Subject to the provisions of subregulation (2), a manufacturing organisation approval with a P rating shall not be transferable.

(2) A change in ownership of the holder of an approval with a P rating shall be deemed to be a change of significance referred to in regulation 148.03.11.

Changes in quality assurance system

148.03.11 (1) If the holder of a manufacturing organisation approval with a P rating desires to make any change in the quality assurance system referred to in regulation 148.03.3, which is significant to the showing of compliance with the appropriate requirements prescribed in this Part, such holder shall apply to the Director for the approval of such change.

(2) The provisions of regulation 148.03.6 shall apply *mutatis mutandis* to an application for the approval of a change in the quality assurance system.

(3) An application for the approval of a change in the quality assurance system shall be granted by the Director if the applicant satisfies the Director, upon submission of appropriate proposed changes to its manual of procedure, that it will continue to comply with the provisions of regulations 148.03.2 to 148.03.5 inclusive, after the implementation of such approved change.

Duties of holder of approval

148.03.12 The holder of a manufacturing organisation approval with a P rating shall -

- (a) hold at least one complete and current copy of its manual of procedure referred to in regulation 148.03.2, at each work location specified in the manual of procedure;
- (b) comply with all procedures detailed in the manual of procedure;
- (c) make each applicable part of the manual of procedure available to the personnel who require those parts to carry out their duties;
- (d) continue to comply with the appropriate requirements prescribed in this Part;
- (e) have a suitable arrangement with the holder of a design organisation approval issued in terms of Part 147, for the purpose of complying with the appropriate requirements prescribed in terms of Part 21; and
- (f) keep records of the calibrations and the standards referred to in regulation 148.03.5(d) for a period of at least five years calculated from the date of the last entry made in such records.

Documentation

148.03.13 (1) The holder of a manufacturing organisation approval with a P rating shall supply the owner of an aircraft with -

- (a) a certificate of airworthiness for the aircraft, or an export airworthiness approval, as the case may be;
- (b) a copy of the flight manual, approved by the Director;
- (c) such other documents as such holder or the Director deems necessary for the safe operation of the aircraft.

(2) Subsequent to the issuing of any process release certificate or report, the holder of the approval shall institute a system whereby maintenance and operational short-comings and corrective measures are drawn to the attention of the Director and, after the Director has granted approval, made available to aircraft owners.

Production acceptance test procedure

148.03.14 (1) The holder of a manufacturing organisation approval with a P rating shall establish a production acceptance test procedure and every product, part or appliance processed shall be subjected to a test flight in accordance with that procedure.

(2) The procedure referred to in subregulation (1) shall be approved by the Director before it is implemented by the holder of the approval.

SUBPART 4**APPROVAL OF MANUFACTURING ORGANISATION (T RATING)****Requirement for approval**

148.04.1 No organisation other than the holder of an aircraft maintenance organisation approval with the appropriate rating issued in terms of Part 145, shall carry out any specified test on any product, part or appliance except under the authority of, and in accordance with the provisions of, a manufacturing organisation approval with a T rating issued under this Subpart.

Manual of procedure

148.04.2 An applicant for the issuing of a manufacturing organisation approval with a T rating shall provide the Director with its manual of procedure which shall -

- (a) comply with the requirements prescribed in this Subpart; and
- (b) contain the information as prescribed in Document NA-CATS-MORG.

Quality assurance system

148.04.3 (1) The applicant shall establish a quality assurance system for the control and supervision of the testing of products, parts or appliances, covered by the application.

(2) The minimum standards for a quality assurance system shall be as prescribed in Document NA-CATS-MORG.

Personnel requirements

- 148.04.4** (1) The applicant shall engage, employ or contract -
- (a) a senior person identified as the accountable manager who has the authority within the manufacturing organisation to ensure that all activities undertaken by such organisation are carried out according to the appropriate requirements prescribed in this Subpart;
 - (b) a competent person who is responsible for quality assurance, and who has direct access to the accountable manager referred to in paragraph (a) on matters affecting airworthiness and aviation safety; and
 - (c) adequate personnel to plan, perform, supervise and inspect the testing of products, parts or appliances, undertaken by the manufacturing organisation.
- (2) The applicant shall establish a procedure for initially assessing, and a procedure for maintaining, the competence of those personnel involved in planning, performing, supervising or inspecting the testing of products, parts or appliances, undertaken by the manufacturing organisation.
- (3) The applicant shall ensure that -
- (a) the personnel in all technical departments are of sufficient numbers and experience and have been given appropriate authority to be able to discharge their allocated responsibilities; and

- (b) there is full and efficient coordination between departments and within departments in respect of airworthiness matters.

Accommodation, facilities and equipment

148.04.5 The applicant shall satisfy the Director that it has -

- (a) adequate accommodation, facilities and equipment to enable the personnel to test the products, parts or appliances for which the rating is required;
- (b) the technical literature, equipment, materials and facilities necessary to perform adequately all functions appropriate to the rating required;
- (c) suitable accommodation for the proper storage, segregation and protection of the products, parts or appliances concerned and for the materials and supplies to be used;
- (d) established a procedure to control and, where necessary, calibrate tools and other equipment at a frequency and to a standard to ensure serviceability, accuracy and traceability; and
- (e) adequate accommodation, facilities and equipment to enable the personnel to perform all phases of testing satisfactorily.

Application for approval or amendment thereof

148.04.6 An application for the issuing of a manufacturing organisation approval with a T rating, or an amendment thereof, shall be -

- (a) made to the Director in the appropriate form as prescribed in Document NA-CATS-MORG; and
- (b) accompanied by -
 - (i) the appropriate fee as prescribed in Part 187; and
 - (ii) the manual of procedure referred to in regulation 148.04.2.

Issuing of approval

148.04.7 (1) The Director shall issue a manufacturing organisation approval with a T rating if the applicant complies with the requirements prescribed in regulations 148.04.2 to 148.04.5 inclusive.

(2) The Director shall issue the approval with the rating on the appropriate form as prescribed in Document NA-CATS-MORG.

Privileges

148.04.8 The holder of a manufacturing organisation approval with a T rating shall be entitled to -

- (a) carry out on the products, parts or appliances, the tests for which it is rated; and
- (b) issue the necessary reports upon completion of such tests.

Period of validity

148.04.9 (1) A manufacturing organisation approval with a T rating shall be valid for the period determined by the Director, which period shall not exceed five years, calculated from the date of issuing or renewal thereof.

(2) The approval shall remain in force until it expires or is suspended by an authorised officer, inspector of authorised person, or cancelled by the Director, in terms of regulation 148.01.5.

(3) The holder of an approval which expires, shall forthwith surrender the approval to the Director.

(4) The holder of an approval which is suspended, shall forthwith produce the approval upon suspension thereof, to the authorised officer, inspector or authorised person concerned for the appropriate endorsement.

(5) The holder of an approval which is cancelled, shall, within 30 days from the date on which the approval is cancelled, surrender such approval to the Director.

Transferability

148.04.10 (1) Subject to the provisions of subregulation (2), a manufacturing organisation approval with a T rating shall not be transferable.

(2) A change in ownership of the holder of an approval with a T rating shall be deemed to be a change of significance referred to in regulation 148.04.11.

Changes in quality assurance system

148.04.11 (1) If the holder of a manufacturing organisation approval with a T rating desires to make any change in the quality assurance system referred to in regulation 148.04.3, which is significant to the showing of compliance with the appropriate requirements prescribed in this Part, such holder shall apply to the Director for the approval of such change.

(2) The provisions of regulation 148.04.6 shall apply *mutatis mutandis* to an application for the approval of a change in the quality assurance system.

(3) An application for the approval of a change in the quality assurance system shall be granted by the Director if the applicant satisfies the Director, upon submission of appropriate proposed changes to its manual of procedure, that it will continue to comply with the provisions of regulations 148.04.2 to 148.04.5 inclusive, after the implementation of such approved change.

Duties of holder of approval

148.04.12 The holder of a manufacturing organisation approval with a T rating shall -

- (a) hold at least one complete and current copy of its manual of procedure referred to in regulation 148.04.2, at each work location specified in the manual of procedure;
- (b) comply with all procedures detailed in the manual of procedure;
- (c) make each applicable part of the manual of procedure available to the personnel who require those parts to carry out their duties;
- (d) continue to comply with the appropriate requirements prescribed in this Part;
- (e) have a suitable arrangement with the holder of a design organisation approval issued in terms of Part 147, for the purpose of complying with the appropriate requirements prescribed in terms of Part 21; and
- (f) keep records of the calibrations and the standards referred to in regulation 148.04.5(d) for a period of at least five years calculated from the date of the last entry made in such records.

Documentation

148.04.13 (1) The holder of a manufacturing organisation approval with a T rating shall supply the owner of an aircraft with -

- (a) a certificate of airworthiness for the aircraft, or an export airworthiness approval, as the case may be;
- (b) a copy of the flight manual, approved by the Director;
- (c) such other documents as such holder or the Director deems necessary for the safe operation of the aircraft.

(2) Subsequent to the issuing of any report upon completion of a test carried out on the product, part or appliance, the holder of the approval shall institute a system whereby maintenance and operational shortcomings and corrective measures are drawn to the attention of the Director and, after the Director has granted approval, made available to aircraft owners.

Production acceptance test procedure

148.04.14 (1) The holder of a manufacturing organisation approval with a T rating shall establish a production acceptance test procedure and every product, part or appliance tested shall be subjected to a test flight in accordance with that procedure.

(2) The procedure referred to in subregulation (1) shall be approved by the Director before it is implemented by the holder of the approval.