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GOVERNMENT OF INDIA

OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION

TECHNICAL CENTRE, OPP SAFDURJUNG AIRPORT, NEW DELHI

CIVIL AVIATION REQUIREMENTS

SECTION 2 - AIRWORTHINESS

SERIES 'F', PART VII

ISSUE II, 10th August, 1999

EFFECTIVE : FORTHWITH

SUBJECT: SPECIAL FLIGHT PERMITS

1. Introduction

Sub Rule 3 of Rule 55 of Aircraft Rules 1937, states that no person may operate an aircraft whose C of A has been suspended, or deemed to be suspended, or has become invalid, without specific permission of the Director General of Civil Aviation. However, Sub Rule 4, of Rule 55, empowers the Director General of Civil Aviation to issue special flight permits to an aircraft under the above conditions. This part of CAR specifies the circumstances under which an aircraft without valid /suspended /deemed to have suspended C of A, may be permitted to undertake ferry flight and the procedure for issue of special flight permit or ferry flight permit.

This CAR is issued under the authority of Rule 133A of Aircraft Rules 1937.

2. Definitions

Special Flight/Ferry flight permit

Special Flight Permit or ferry flight permit is a permission granted by the Director General of Civil Aviation to fly an aircraft that may not meet current applicable airworthiness requirements but is capable of undertaking safe flight.

3. Purpose

Defects and damages may be encountered during operation of an aircraft for which repair facilities may not exist at en-route stations. At times work required by a mandatory modifications/inspection and Airworthiness Directives be to be performed for which it is essential for the aircraft to be dispatched to base. In certain other conditions, evacuation of aircraft or persons from, areas of impending danger may be required. There may be occasions where the aircraft have to be flown for experimental or test flights including production test flights without valid C of A. In the above circumstances, special flight/

ferry flight may be authorized if the aircraft is otherwise safe to conduct the intended flight.

Note: Special Flight Permit is not required in case of test flight of an aircraft for the purpose of renewal of C of A where the C of A has expired provided a certificate for fitness of flight has been issued by qualified AMEs after appropriate maintenance checks and tests. Such test flight may be carried out in accordance with CAR Sec-2, Series 'T' Part II.

3.1 A special flight/ferry flight permit may be issued by Regional/Sub-Regional Airworthiness Office to an aircraft when Certificate of Airworthiness has been suspended or deemed to be suspended or has become invalid. Such aircraft may not currently meet applicable airworthiness requirements but is capable of performing safe flight for the following purposes:

- i) Ferry fly to a base without fare paying passengers onboard where repair, modification and maintenance are to be performed to remove the suspension of the C of A.
- ii) Test flying a production aircraft.
- iii) Evacuation of aircraft or persons from areas of impending danger.
- iv) Flight for special purposes.
 - a. Customer demonstration flights in new production aircraft that have satisfactorily completed production test flights.
 - b. Ferry fly to a point of Temporary / Permanent storage.
 - c. Operation of an aircraft at a weight in excess of its maximum certified take off weight for flight beyond the normal range over water or over land areas where adequate landing facilities or fuelling facilities are not available

Note: The excess weight that may be authorised under this paragraph is limited to the additional fuel, fuel carrying facilities and navigation equipment necessary for the flight.

4. Procedure

4.1 The owner / operator seeking a special flight permit shall submit an application as per Appendix- I, together with a report covering assessment of defect and extent of damage sustained if any, to the local Regional Airworthiness /Sub Regional Office under whose jurisdiction the aircraft has sustained damage. The operator shall also forward a copy of damage report for information to the Regional/ Sub-Regional office where the aircraft is based. The operator should substantiate how the aircraft can be flown safely and the steps taken for safe flight. The application shall be concurred and signed by the engineering and operations departments of the operator signifying that the proposed operation is safe from engineering and operational aspects. In case the aircraft sustains damage/defect outside the country, application for special/ferry flight permit shall be submitted to the office where the aircraft is based.

- 4.2 The report sent along with the application, detailing the condition of the aircraft and the steps taken for safe flight will be analysed and based on the assessment with regard to safety of aircraft (also persons on board), the local Regional/ Sub regional Airworthiness Office may grant special flight / ferry flight permit as per Appendix II subject to the following conditions/ limitations.
- a) Inspection or tests by the operator for determining the safety of aircraft for the intended flight and certified to that effect by appropriately licensed AME(s) or authorized / approved persons.
 - b) A limitation that the operating weight on any ferry flight must be the minimum necessary with the necessary reserve fuel load and that the C.G. is within limits
 - c) Any other operational limitation considered necessary for the particular flight.
 - d) Flight is to be conducted within the performance operating limitations given in the Aircraft Flight Manual and any additional limitation(s) that may be specified by DGCA for the particular flight.
 - e) As far as possible initial climb should not be over thickly populated area.
 - f) The aircraft shall be operated only by crew holding appropriate licence issued or validated by DGCA.
 - g) Crew properly briefed of the nature of deficiencies and defective system, item, and component isolated and suitably placarded in cockpit.
 - h) Weather conditions at the take off and destination airport are to be at least equal to that required for VFR flight.
 - i) Persons other than required flight crew shall not be carried during the flight
 - j) Fuel and fuel distribution limits.
 - k) Maneuvers to which the aircraft is limited.
 - l) Limits on usage of flight equipment such as autopilots etc.
 - m) Runway selections if considered necessary for safe flight.
 - n) Air speed limits as required.
 - o) Communications required with airport tower personnel to inform them prior to take off or landing of the non standard condition of the aircraft
- 4.3 A copy of the special flight permit must be carried onboard the aircraft at all times when the aircraft is operating under the terms and conditions of the permit.
- 4.4 The registration marks assigned to the aircraft by DGCA shall be displayed in accordance with CAR Section 2 Series 'F' part I.
- 4.5 It is the responsibility of the operator / owner to ensure that the aircraft is capable of performing safe flight for the intended purpose. However, Regional /Sub regional Airworthiness Office may require the applicant to make the aircraft available for inspection especially when the aircraft is damaged or the airworthiness/safety of aircraft is in doubt.
- 4.6 Special /ferry flight permit issued by Regional / Sub Regional Airworthiness Offices shall be valid till the arrival of the aircraft at destination or specific date mentioned in the permit as applicable.

- 4.7 If the flight involves operation over countries outside India, the operator of the aircraft must obtain special /ferry flight permit from the appropriate authorities of such countries prior to operation of such flight. And such flights shall be in accordance with the applicable general operating rules of the State in or over which the operations are conducted.
- 4.8 If the damage is sustained or ascertained when the aircraft is in the territory of another Contracting State, the authorities of the other Contracting States shall be entitled to prevent the aircraft from resuming its flight on the condition that they shall advise DGCA immediately, communicating to it all details necessary to formulate the judgement necessary for ascertaining the nature of the damage and its effect on airworthiness and safety.
- 4.9 When the DGCA considers that the damage is of a nature such that the aircraft is no longer airworthy, it shall prohibit the aircraft from resuming flight until it is restored to airworthy condition. The DGCA may however, in exceptional circumstances, prescribe particular limiting conditions to permit the aircraft to undertake a non-commercial operation to an aerodrome at which it will be restored to an airworthy condition. In prescribing particular conditions the DGCA shall consider all limitations proposed by the Contracting State that had originally, in accordance with para 4.8, prevented the aircraft from resuming its flight. DGCA shall permit such flight or flights within the prescribed limitations.
- 4.10 When DGCA considers that the damage is of a nature such that the aircraft is still airworthy the aircraft shall be allowed to resume flight.
5. Upon completion of the special/ferry flight the operator will render a report to the Regional/ Sub Regional Airworthiness Office, where the aircraft is based and a copy forwarded to the authority who had issued the special flight permit which shall include.
- a) Any abnormality encountered during flight.
 - b) Action taken at base to render aircraft airworthy.
 - c) Result of production test flight.
 - d) Any other information regarding the flight as deemed necessary.
6. Notwithstanding the above, the Regional/Sub Regional Airworthiness Office may refuse to grant permit to any flight if there is reasonable doubt that such flight may jeopardise the safety of the aircraft and/ or persons on board.



(R. P. Sahi)
Deputy Director General of Civil Aviation

Appendix I

APPLICATION FOR ISSUE OF SPECIAL/FERRY FLIGHT PERMIT

1. Name of the Owner /Operator:

2. Address of the Owner /Operator:

3. Aircraft Details:

Make _____

Model _____

Serial Number _____

Registration Marks _____

4. Purpose of the Flight:

5. Flight Plan:

6. Names of the Flight Crew : _____

Ratings held : _____

Licence validity: _____

7. Detailed assessment of defect/damage sustained:

8. Any limitation/restriction the applicant considers necessary for safe operation of the aircraft:

Engineering : _____

Operation : _____

9. Proposed action to make the aircraft fit for ferry flight:

10. Any other information relevant to the flight for the purpose of prescribing Operating limitations:

Certified that the aircraft is capable of safe flight to the intended destination.

Signature of Chief of Engineering/

Signature of Chief of Operations

**CIVIL AVIATION REQUIREMENTS
SERIES 'F' PART VII**

**SECTION 2 - AIRWORTHINESS
10TH AUGUST 1999**

QCM

Date: Place:

(Concerned DGCA Regional Office)

Special / Ferry Special Flight Permit

In accordance with Sub-Rule 4 of Rule 55 of the Aircraft Rules 1937, Special / Ferry flight permit is here by granted to *(XYZ Airlines/ operator)* to fly _____ aircraft ,VT - ____ from _____ to _____ for the purpose of _____.

The Ferry/ Special Flight Permit is valid till _____.

The Ferry/ Special Flight Permit is valid subject to the following conditions:

1. A copy of this ferry/ special flight permit shall be carried on board the aircraft when operating under this special flight permit.
2. Before operating an aircraft that does not meet applicable airworthiness requirements, the operator shall make a determination that the aircraft can safely be flown to a station where maintenance or alterations can be performed. In addition, the operator will have the aircraft inspected in accordance with procedures contained in the operator's manual and have a certificated engineer certify in the aircraft logbook that the aircraft is in safe condition for the flight as specified in the operator's manual.
3. Only flight crew members and persons essential to operations of the aircraft shall be carried aboard during ferry flights where the aircraft flight characteristics may have been altered appreciably or the flight operations affected substantially.
4. Operating mass of the aircraft must be the minimum necessary for the flight with necessary reserve fuel load.
5. Flight shall be conducted in accordance with appropriate special conditions or limitations contained in Airplane Flight Manual / CDL/ DDPG of MEL.
6. This ferry/ special flight permit does not permit operation of a product to which an airworthiness directive applies except in accordance with the requirements of that directive.
7. Aircraft involved in an accident or incident shall not be ferried prior to notifying the DGCA.
8. If the flight involves operation over countries outside India, the operator of the aircraft must obtain special/ ferry flight permit from the appropriate authorities of such countries prior to operation of such flight.
9. Any other conditions or limitations as considered necessary by the operator for safe operation of flight.

Date:

Authorised Signatory

Place