

File No. 9/497/76-AI(2)

EFFECTIVE : FORTHWITH

Subject : Concessions.

1. BACKGROUND :

An operator or overhauling/repair organisation is sometimes faced with a problem of procuring replacement parts/materials, meeting specifications stipulated in approved type design documents or of effecting major repairs/major modifications in the manner as approved by the manufacturers, in respect of aircraft/aircraft component/item of equipment. Under such circumstances marginal deviations from approved specifications not affecting the safety of aircraft may be approved by DGCA. This may be covered by the grant of a "concession".

2. DEFINITIONS :

- (a) "Concession" is defined as permission by the DGCA to use a limited quantity of material/parts not manufactured exactly in accordance with the manufacturer's approved design specifications or to effect major modification/repair not completely in conformity with that approved by manufacturers, but are acceptable to DGCA, keeping the safety of aircraft in view.
- (b) "Major Modifications" are those alterations to the primary structure/parts/equipment/systems that are likely to jeopardise the safety of aircraft and those on board if not carried out at all or if carried out improperly and affect its weight, centre of gravity, structural integrity or cause change in design or material or flight characteristics.
- (c) "Major Repair" is a repair, which if not or improperly (using unapproved procedures/methods) accomplished, would adversely affect the aircraft structural strength, performance, flight characteristics and consequently its safety as well as the safety of those on board.

3. SCOPE :

- (i) Aircraft operators or overhauling/repair organizations finding difficulty in procuring approved replacement material/parts, may approach Regional Airworthiness Office with a request furnishing details (in triplicate) as listed in the appendix to this part of the CAR for using substitute material/parts in the assembly of aircraft, aircraft components, equipment

and systems, provided such substitutes are procured from sources acceptable to DGCA and are able to meet type specification requirements.

- (ii) Requests for grant of "Concessions" relating to use of material/parts in, or effecting minor modifications or carrying out minor repairs to aircraft secondary (not primary) structure, aircraft systems other than primary systems like flight control system, landing gear system, pressurization system, navigational system,

Auto flight, Electrical Power Generation and Distribution, Fire Extinguishing, Hydraulic Power, engine control system, fuel system, emergency evacuation system etc., will be disposed of by the Regional Airworthiness Offices. However, such approved firms, whose scope of approval specifically includes such delegation may use substitute material/parts in aircraft systems other than those mentioned in this para, under the authority of Quality Control Manager provided proper records are maintained and Regional Airworthiness Offices are informed of such actions, soon after accomplishment of work.

- (iii) Requests for grant of "Concessions" relating to use of material/parts or effecting major modification or carrying out major repairs to aircraft primary structure or to aircraft systems mentioned in para (ii) above must be referred to DGCA, via Regional Airworthiness Offices for prior approval.

4. Repairs, major or minor, carried out strictly in conformity with the standard aeronautical practice, spelt out in well recognised documents, like Federal Aviation Administration - 'Aircraft Inspection and Repair - AC 43.13 Manual' of USA and 'Civil Aircraft Inspection Procedures' of Civil Aviation Authority of UK need not have prior approval of DGCA.
5. The approval will be indicated on the format (appendix) itself, one copy of which will be returned to the applicant. Such approved formats shall be carefully preserved by the applicant for future reference for as long a period as the log books are kept.
6. Whenever such materials/parts (covered under Concession) are used, the related documents like log books, procedure sheets etc., must make a mention of the same.

Sd/-
(V. N. Kapur)
Director of Airworthiness
for Director General of Civil Aviation

A P P E N D I X

