

**GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE  
RESEARCH AND DEVELOPMENT ORGANISATION  
DIRECTORATE OF AERONAUTICS**

**TYPE APPROVAL No : 13**

ISSUED TO : M/s BUCKINGHAM & CARNATIC CO. LTD.  
P.B.No 1966, MADRAS-1.


FOR : COTTON DUCK KHAKI WATER REPELLANT FABRIC

CO-ORDINATED BY : CRE (AIRCRAFT)

This is to certify that the above mentioned product manufactured by M/s Buckingham & Carnatic Company Ltd., Madras-1, has successfully passed all the type tests as per specification BS:3F.55:1963 with the following relaxations and is suitable for use as a covering Fabric for Parachute Pack.

- (a) Water absorption up to 40% is acceptable against a maximum of 25% stipulated in the specification.
  - (b) Shrinkage in warp direction up to 4.7% is acceptable against a maximum of 2% stipulated in the specification.
2. Type Approval is hereby granted to M/s Bunkingham & Carnatic Company Ltd, for the manufacture of the above product to specification BS:3F-55:1963 with the above relaxations.
  3. The approval no. quoted above must be reflected on all relevant contracts and release notes issued by you.
  4. This approval is subject to the following conditions :-
    - i) This approval is valid only when the quality control aspects on Bulk production and the approval of the inspection organisation at the firms works are cleared by DTD&P(Air), Ministry of Defence, New Delhi-11.
    - ii) This approval is valid initially for three years from the date of issue and will have to be renewed subsequently.
    - iii) Prior agreement of Directorate of Aeronautics will have to be obtained, if this approval is to be transferred to any other firm.

No. : AERO/5400/67  
Date : 31 Aug 68

  
Gp Capt  
(D. RAJAGOPAL)  
Director of Aeronautics