

**GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE R&D ORGANISATION
CENTRE FOR MILITARY AIRWORTHINESS & CERTIFICATION
MARATHAHALLI COLONY P.O
BANGALORE - 560 037**

TYPE APPROVAL NO : 747

ISSUED TO

: SOCIETY FOR APPLIED MICROWAVE
ELECTRONICS ENGINEERING & RESEARCH (SAMEER),
IIT CAMPUS, BOMBAY -76

FOR

: IFF ANTENNA, TYPE LC-1001

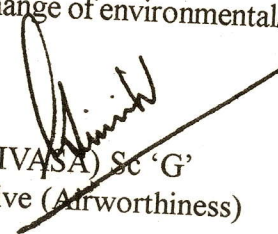
CO-ORDINATED BY

: RCMA(HYDERABAD),

This is to certify that the the IFF Antenna, Type LC-1001 designed and developed by Society for Applied Microwave Electronics Engineering and Research(SAMEER), IIT Campus, Bombay-400076, in conjunction with Aeronautical Development Agency has been tested according to specification and qualification Test plan authorised by Chief Resident Engineer,RCMA(Hyderabad) vide No. SMR/LCA/QTP/IFF/02/95 and meets the requirements of the specifications and tests subject to limitations contained in compliance statement enclosed as Appendix 'A' to this letter vide RCMA/ HAL(HD)/LCA/ANT/001/95 dated 9th Sep 95.

2. The type approval No. quoted above must be reflected in all relevant drawings, Contracts and release notes.
3. The approval is contingent upon installation, integration, testing and evaluation of Antenna on LCA aircraft and its appropriate modification, revalidation tests and updating of certification documents, if any.
4. This approval is contingent upon that series production of Antennas being as per technical specifications and QTP document, process document and drawing standards authorised by Chief Resident Engineer, RCMA(Hyderabad) from time to time and the quality contrpl aspects of series production being cleared by DTD&P(Air), Ministry of Defence, New Delhi.
5. This approval is valid initially for three years from the date of issue of this letter and will have to be renewed susequently.
6. Prior approval of this office will have to be obtained if this approval is to be transferred to any other agency or if any changes within the Type Record are effected.
7. This approval is further contingent upon the requirement of repeat type tests, if warranted by change of materials/components, design/production standards and change of environmental/functional specifications.

Encl : Type Record
No : CEMILAC/5070/TA 747
Date : 11th Sep 1995


(K. SRINIVASA) Sc 'G'
Chief Executive (Airworthiness)