

- i) Ensuring the supply of remote sensing data and facilitating its integration with the conventional system through appropriate collaborative application studies,
- ii) establishment of infrastructure and generation of trained manpower and
- iii) application studies as building blocks for generation of data base for Natural Resources Information System (NRIS).

(b) The sources for the remote sensing data are:

- Indian Remote Sensing Satellites
- Foreign Remote Sensing Satellites such as LANDSAT, SPOT and National Oceanographic and Atmospheric Administration (NOAA) - USA satellite.

The sources for conventional data are the regular survey and monitoring carried out by Central Organisations such as Geological Survey of India (GSI), Survey of India (SOI), Forest Survey of India (FSI), Central Ground Water Planning Board (CGWB) National Bureau of Soil Survey and Land Use Planning (NBSS and LUP), Department of Agriculture and Cooperation (DA & C) etc., besides corresponding State-level Departments.

(c) The users of the data generated by NNRMS include:

- Central Ministries /Departments
- State Government/Union Territories
- Autonomous Agencies engaged in National Resources Management

Sale of L.C.A. in International Market

6936. SHRI M.M. PALLAM RAJU: Will the PRIME MINISTER be pleased to state:

(a) whether any country has expressed a desire to buy the L.C.A. (Light Combat Aircraft) to be manufactured by India;

(b) if so, whether Government are Contemplating selling them in the International market;

(c) the expenditure incurred on the project so far; and

(d) the likely date of completion of the project?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (DR. RAJA RAMANNA): (a) No, Sir. LCA is still in the development stage.

(b) Does not arise.

(c) The expenditure incurred on the Project till Mar 90 is about Rs. 300 Crores.

(d) The Full Scale Engineering Development (FSED), as part of the Post-Project Definition Phase of the LCA, is envisaged to be taken up in phases. Government sanction is being sought for Phase I activities in which, critical technologies are planned to be demonstrated. The first flight under phase I is expected to take place in 1995 and limited flight trails would be completed by 1997. Phase II of FSED is envisaged for integration of various technologies to be demonstrated in parallel in Phase I. Due to the phased nature of FSED, the production phase to follow is expected to be determined during the progress of FSED. Assuming that completion of the project is upto Initial Operational Clearance, current estimates are that it will occur in the early years of the decade starting 2000.