

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:4862
ANSWERED ON:26.04.2000
CRYOGENIC ENGINE
DAHYA BHAI V. PATEL

Will the Minister of SPACE be pleased to state:

- (a) whether the Government have demanded Cryogenic Engines from U.S.A.;
- (b) if so, the details thereof;
- (c) the reaction of the U.S. Government thereto; and
- (d) the action taken by the Government of India in this regard?

Answer

MINISTER OF STATE IN THE DEPARTMENT OF SPACE

(SMT. VASUNDHARA RAJE):

(a),(b), } During late Eighties, the feasibility of procuring a flight

(c)&(d)} proven cryogenic stage (including engine) developed in other countries was explored, in order to speed up the development of Geo- Synchronous Satellite LaunchVehicle(GSLV). These include United States of America (USA), France and Russia.However, due to higher cost and export controls, the proposals from USA and France were not pursued.