GOVERNMENT OF INDIA DEFENCE LOK SABHA

UNSTARRED QUESTION NO:5285 ANSWERED ON:24.04.2015 VEST FOR DESERT TROOPS Venkatesh Babu Shri T.G.

Will the Minister of DEFENCE be pleased to state:

- (a) whether the Defence Institute of Physiology and Allied Sciences (DIPAS) has developed air conditioner vest for desert troops;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government to improve the operational readiness of our troops in extreme hot and cold conditions?

Answer

MINISTER OF DEFENCE (SHRI MANOHAR PARRIKAR)

- (a) Yes, Madam.
- (b) Defence Institute of Physiology and Allied Sciences (DIPAS), a laboratory of Defence Research and Development Organisation (DRDO), has developed a prototype of portable Man Mounted Air Conditioning System (MMACS) for desert operations. Presently, the User Model Mark-IV has been fabricated and performance evaluation has been done under lab conditions.
- (c) To improve the operational readiness of our troops in extreme environmental conditions, DRDO has developed the following products / techno- logies which are used by Armed Forces:-
- # Acclimatization Schedule at High Altitude.
- # High Altitude Pulmonary Oedema (HAPO) Bag.
- # Aloe Vera based cream 'ALOCAL' for treatment of Cold Injuries.
- # Customised yoga package to combat high altitude stress.
- # Electrically heated Gloves for the protection of aircrew placed at high altitude and cold.
- # Cold weather clothing for the protection of aircrew placed at high altitude and cold.