

(vi) The Defence Offset guidelines have further paved the way for proactive participation of Micro, Small & Medium enterprises (MSME) of India by incorporating a scheme of multipliers of 1.5 for engaging MSME as Indian Offset Partners (IOP).

(d) There is no prescribed allocation/proportion between DPSUs and private sector. Efforts are, however, being made to create a level playing field between DPSUs and the private sector.

#### **Old and ageing fleet of helicopters**

824. SHRI JYOTIRADITYA M. SCINDIA: Will the Minister of DEFENCE be pleased to state:

(a) whether Government is aware that old and ageing helicopters with the armed- forces have taken valuable lives in the past few years;

(b) if so, the details thereof;

(c) the total number of helicopters with the defence forces and the year(s) in which these were inducted; and

(d) the steps taken by Government to replace the old and ageing fleet of helicopters with a new one?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI SHRIPAD YESSO NAIK): (a) and (b) There have been two fatal accidents of the helicopters held with Armed Forces in the past five years. The details of such accidents are as under:—

Date of Accident	Type	Casualties
30.11.2016	Cheetah	04
27.09.2019	Cheetah	02

(c) The details of helicopters with the defence forces and the year (s) in which these were inducted are given in the Statement (*See* below).

(d) Many steps have been taken by Government to replace the old and ageing fleet of helicopters with new one. These include procurement, modernization, acquisition through indigenous as also Inter Governmental Agreement etc.

***Statement***

*Details of helicopters with the defence forces and the year in which these were inducted*

Type	Number	Year of Induction
<b>NAVY</b>		
Chetak	53	1964
Kamov 28	10	1986
Sea King 42 B/C	23	1987
ALH MK I	08	2002
Kamov 31	14	2003
UH3H	06	2008
<b>ARMY</b>		
Chetak	51	1961
Cheetah	122	1972
ALH Mk-I	18	2002
ALH Mk-II	18	2009
ALH Mk-III	62	2011
ALH Mk-IV	64	2013
Cheetal	16	2015
<b>AIR FORCE</b>		
Chetak	83	1962
Cheetah	38	1962
Mi-25	04	1983-85
Mi-17	71	1984-89
Mi-26	03	1985-89
Mi-35	15	1989-90

Type	Number	Year of Induction
Mi-17 IV	43	2000-03
ALH	20	2002
Cheetal	10	2009
Mi-17 V5	133	2011-15
ALH Mk-III	36	2011-16
ALH Mk-IV	16	2016-17
Apache	22	2019-20
Chinook	15	2019-20

**Calorie intake of soldiers posted at Siachen**

825. SHRIMATI SHANTA CHHETRI: Will the Minister of DEFENCE be pleased to state:

(a) whether it is a fact that the calorie intake of soldiers posted in Siachen has been compromised by 82 per cent;

(b) if so, the details thereof, if not, the reasons therefor;

(c) whether Siachen troops are deprived of the benefits of using improved products; and

(d) if so, the details thereof, if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI SHRIPAD YESSO NAIK): (a) and (b) No, Sir. There has been no such instance. The one day entitled ration has adequate calories to meet the energy expenditure.

The ration scales are designed based upon nutritional requirement of a soldier as per their energy expenditure under different climatic conditions. In High Altitude Areas (above 12000 ft), like Siachen, special scales of rations are authorised, to cater for the energy expenditure in such conditions. The energy expenditure and energy intake for troops deployed above 12000 feet as per study conducted by Defence Institute of Physiology and Allied Sciences (DIPAS) is as under:-