ARMY AIR FORCES
Headquarters 5th Weather Group
APO 633, U. S. Army

In Reply
Refer To:

9 SEP 1947

SUBJECT: Winds Aloft Reports

TO: Commanding General
European Air Transport Service
APO 633, U. S. Army

ATTN: Flying Safety

1. In response to the telephone request of Captain Parker, the following are recorded winds aloft observations taken on 31 October 1946 and 1 November 1946 at the station elevations indicated:

(The reports from the stations at Zugspitze, Germany (416), Santis, Switzerland (285), Feldberg, Germany (427), and Jungfraujoch, Switzerland (286) are station height (ground) reports, all others were obtained by the use of rawin or pibal equipment).

a. Time: 0400Z Date: 31 October 1946.

STATION	INDEX NO.	OBSERVATION-ELEVATION	WINDS Dir.	WINDS Vel.(knots)
Rome, Italy	322	850 mb. (approx 5,000')	160°	25
		700 mb. (approx 10,000')	190	55
Toulon, France	273	5,000	80	15
Santis, Switzerland	285	8,202	180	15
Zugspitze, Germany	416	9,718	160	15
Montelimar, France	233	5,000	150	5
Mont St. Vincent, France	944	approx 5,000	110	20
Feldberg, Germany	427	4,870	90	30
Jungfraujoch, Switz.	286	11,740	150	25

b. Time: 1600Z Date: 31 October 1946

STATION	INDEX NO.	OBSERVATION-ELEVATION	WINDS Dir.	WINDS Vel.(knots)
Rome, Italy	322	850 mb. (approx 5,000')	200°	35
		700 mb. (approx 10,000')	220	30

S-WG-G1-SP 2

ATTACHMENT 7. 1/2

825

STATION	INDEX NO.	OBSERVATION-ELEVATION	WIND Dir.	WIND Vel.
Santis, Switzerland	285	8,202 Lat 47°15' Long 09°20'	200°	20
Zugspitze, Germany	416	9,718	140	15
Feldberg, Germany	427	4,870 47°52'N 08°01'E	160	5
Jungfraujoch, Switz.	286	11,740	200	10
Cagliari, Sardinia	338	10,000	260	35
		19,000	250	40

c. Time: 0400Z Date: 1 November 1946

STATION	INDEX NO.	OBSERVATION-ELEVATION	WIND Dir.	WIND Vel.
Zugspitze, Germany	416	9,718	140	20
Mont Mentoux, France	248	6,243	180	25

d. Time: 1600Z Date: 1 November 1946

STATION	INDEX NO.	OBSERVATION-ELEVATION	WIND Dir.	WIND Vel.
Zugspitze, Germany	416	9,718	130	25
Cagliari, Sardinia	338	500 mb. (approx 19,000')	250	45
		700 mb. (approx 10,000')	240	30
Mont Mentoux, France	248	6,243 45°10'N 05°20'E	160	25
Milan, Italy	302	850 mb. (approx 5,000')	140	20
		700 mb. (approx 10,000')	190	25
		500 mb. (approx 19,000')	230	30

FOR THE COMMANDING OFFICER:

Glen A. Hogland

GLEN A. HOGLAND
Captain, Air Corps
Adjutant

ATTACHMENT 7 2/2