

22 October 1944

OPERATIONS ORDER 224 Red Force
WEATHER ANNEX.

SYNOPTIC SITUATION 0600Z. Belt of high pressure from Finland to Azores, moving slowly east and controlling circulation. Complex double low over north Italy with centers over Gulf of Genoa and north Adriatic. Wave centered over north Adriatic with cold front along Dinarics and across south Italy, Sicily and N. Africa. Warm front extends northeast across Yugoslavia and northwest Hungary. Cold air, moist in lower levels, moving across Europe.

FORECAST:

BASE: Sky: 4/10-6/10 low cloud, base 4000', tops 6500'. 3/10 to 4/10 middle cloud, base 11,000'.

Air-Ground Visibility: 15-20 miles.

Upper Data: 5000' 280 deg. 20 kts. plus 11 C.
10000' 270 deg. 25 kts. ---- 00 C.
15000' 280 deg. 30 kts. minus 11 C.

ROUTE: Sky: Base conditions continuing to coast. Adriatic nearly clear to Ancona, becoming 3/10-4/10 low cloud, tops 8000' with 7/10-8/10 middle cloud, 10,000'-15,000', and 2/10-4/10 cirrus above 20,000'. Over Alps 10/10 cumulus, tops 16,000' with 3/10 to 4/10 associated cirrus. These clouds will continue to target with tops lowering to 10,000'.

Air-Ground Visibility: Generally 15-20 miles.

Upper Data: 10000' 280 deg. 25 kts. minus 01 C.
15000' 280 deg. 35 kts. minus 12 C.
20000' Light and variable minus 24 C.

TARGET: Sky: 8/10-10/10 cumulus, tops 10,000'. 2/10-3/10 cirrus above 25,000'.

Air-Ground Visibility: Unrestricted.

Surface Wind: Northeast at 10 mph.

Upper Data: 15000' 070 deg. 20 kts. minus 13 C.
20000' 040 deg. 25 kts. minus 25 C.
25000' 030 deg. 30 kts. minus 36 C.

RETURN: Similar to route out with cumulus tops over Alps up to 20,000'. On return, 6/10-8/10 cumulus, base 3500' MSL.

ALTLRNATE FIELDS: All east Italy bases should be open.

By command of Brigadier General ACHESON:

REUBEN M. HARDING
Major, Air Corps,
Weather Officer.