

5 August, 1944

OPERATIONS ORDER # 144
WEATHER ANNEX.

SYNOPTIC SITUATION 0600Z.

Ridge of high pressure from Azores to Scandinavian peninsula persisting, with center of high pressure over North Sea and wedge from this high extending to north Balkans. Trough over Italy with center of low over Gulf of Genoa moving east and maintaining its intensity. Weak high cell in Mediterranean north of Tripoli.

FORECAST:

BASE: Sky: Scattered middle clouds at 7,000'.

Air-Ground Visibility: 15 miles.

Upper Winds: 5000' 270 degrees 10 knots.

10000' 270 degrees 15 knots.

15000' 260 degrees 20 knots.

ROUTE: SKY: Scattered middle clouds from base to Apennines. Over Apennines and west coast 5/10 cumulus with bases at 5000' to 7000' and tops generally 12,000' with a few tops to 14,000'. Scattered middle clouds from Italian west coast to southern coast of France. Over south France, 2/10 to 4/10 low cloud and 2/10 to 4/10 cumulus to 9,000'.

air-Ground Visibility: Generally 15 miles or better.

Upper Winds: 10000' 270 degrees 20 knots.

15000' 260 degrees 20 knots.

20000' 300 degrees 20 to 25 knots.

TARGET: Sky: 2/10 to 4/10 low cloud with 2/10 to 4/10 cumulus with tops to 10,000'.

Air-Ground Visibility: 15 to 20 miles.

Surface Wind: North to Northeast at 05 to 08 mph.

Upper Winds: 20000' 300 degrees 25 knots.

25000' 290 degrees 25 knots.

RETURN: Similar to route out with increasing cumulus over Apennines to 9/10 with bases generally 6,000', but lowering to 3,500' in rain, and tops to 30,000' with saddle above 20,000'. Over bases, 6/10 to 7/10 cumulus with base at 5,000' and tops to 20,000' with widespread showers.

ALTERNATE FIELDS: Best alternates will be in Corsica, Sardinia and North Africa.

REUBEN N. HARDING
Captain, Air Corps,
Wing Weather Officer