

20 August 1944

OPERATIONS ORDER 157  
WEATHER ANNEX.

SYNOPTIC SITUATION 0600Z

Large high cell centered over western Russia with ridge aloft. Cold front from north Sweden through Denmark, Holland, Belgium, and north France, with deep trough aloft. Deep trough aloft over southern Adriatic with small surface low over Albania. Ridge building up over west Italy, sardinia, and Corsica.

FORECAST:

BASE: Sky: Clear.

Air-Ground Visibility: 20 miles or better.

Upper winds: 5000' 350 degrees 10 knots.  
10000' 330 degrees 10 knots.  
15000' 330 degrees 15 knots.

ROUTE: Sky: Clear over south Italy and west Adriatic. 4/10 to 6/10 stratus at 3000', 3/10-5/10 altocumulus between 8,000 and 12,000' over east Adriatic. Scattered cumulus with base at 6,000' and tops at 10,000' over Yugoslav mountains with 4/10 to 6/10 middle cloud to 15,000'. Scattered cirrus at 20,000'. East of mountains all clouds increase.

Air-Ground Visibility: 10 to 15 miles with light haze.

Upper Winds: 10000' 330 degrees 10 knots.  
15000' 320 degrees 15 knots.  
20000' 310 degrees 15 knots.

TARGET: Sky: 4/10-5/10 cumulus with base at 4000' and tops to 10,000'. 6/10 to 7/10 middle clouds between 12,000' and 16,000'. 3/10 cirrus at 20,000'.

Air-Ground Visibility: 15 miles.

Surface Wind: Light from the southeast.

Upper Winds: 20000' 300 degrees 15 knots.  
25000' 300 degrees 20 knots.

RETURN: Similar to route out with cumulus over mountains building up to 16,000' to 18,000'. 3/10-4/10 cuaulus at 8,000' over base on return.

ALTERATE FIELDS: All areas should remain open.

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Major, Air Corps,  
Wing Weather Officer.