

19 August 1944

OPERATIONS ORDER 156  
WEATHER ANNEX

SYNOPTIC SITUATION 0600Z. Belt of high pressure over western Russia, eastern Europe and Balkans causing southwesterly flow of unstable air over Balkans and eastern Europe, Weak pressure gradient over Italy and Mediterranean Sea with trough of low pressure extending from Greece to south Italy. Depression north of Scotland with associated front through England, north France and Bay of Biscay.

FORECAST:

BASE: Sky : 6 to 2/20 stratocumulus, base 2500' tops 3500'. 4 to 5/10 middle clouds at 10 to 12000'. 3 to 1/10 high winds at 20000'.

Air-Ground Visibility: Generally 15 miles lowering in low stratus in patches to 1 to 5 miles.

Upper Winds: 5000' 280 degrees 10 knots.  
10000' 280 degrees 15 knots.  
15000' 290 degrees 15 knots.

ROUTE: Sky: 3 to 4/10 cumulus tops generally at 8000' with some tops to 14000', 3 to 4/10 middle, base 12000' tops 14000' over Adriatic. 4 to 5/10 cumulus tops 12000', 4 to 6/10 middle clouds from 17 to 20000' over Dinaric Alps to central Hungary. 4 to 5/10 cumulus tops 10000', 5 to 7 7/10 middle clouds from 17 to 20000', 3 to 4/10 high clouds from central Hungary to south Poland. All clouds increasing north of Carpathians.

Air-Ground Visibility: 10 to 15 miles in haze.

Upper Winds: 10000' 290 degrees 15 knots  
15000' 300 degrees 20 knots.  
20000' 130 degrees 15 knots.

TARGET: Sky: 3 to 4/10 cumulus, base 5000' tops 10000', 3 to 4/10 middle clouds base 17000' tops 20000'.

Air-Ground Visibility: 10 miles in haze.

Surface winds: Southeast 8 miles per hour.

Upper Winds: 20000' 210 degrees 25 knots.  
25000' 210 degrees 30 knots.

RETURN: Similar to route out with increase in cumulus activity. 7 to 8/10 cumulus base 5000' tops generally to 17000' over Yugoslav mountains with some tops to 25 to 30000' over Dinaric Alps. Over South Italy and bases 5 to 7/10 cumulus, base 5000' tops 15 to 20000', 4 to 5/10 middle clouds at 17000' with thunderstorms and showers in mountains.

ALTERNATE FIELDS: Best alternate fields will be in Foggia area.

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