

21 July, 1944

OPERATIONS ORDER # 133.
WEATHER ANNEX.

SYNOPTIC SITUATION 1300Z. Warm ridge over Balkans and Tripolitania. Shallow low with much middle and high cloud west of Sardinia. Comparatively deep low over France and north Spain with indistinct frontal system. This low is moving northeast.

FORECAST:

BASE: Sky: 5/10 to 6/10 thick cirrus at 18,000' rising and diminishing in amount and thickness over Adriatic. 2/10 to 3/10 middle cloud at 11,000' dissipating over Adriatic,

Air-Ground Visibility: 15 to 20 miles.

Upper Winds: 5000' 240 degrees 10 knots.
10000' 260 degrees 15 knots.
15000' 270 degrees 20 knots,

ROUTE: Sky: Generally clear over Adriatic except for 3/10 to 4/10 cirrus above 20,000'. 4/10 to 6/10 stratocumulus over Yugoslav mountains with tops below 10,000'. Scattered cirrus above 20,000'. East of mountains clear except for isolated small cumulus over hills.

Air-Ground Visibility: 15 miles in light haze.

Upper Winds: 10,000' 280 degrees 20 knots,
15,000' 290 degrees 30 knots.
20,000' 300 degrees 35 knots.

TARGET: Sky; 2/10 to 4/10 cumulus with base at 5000', tops 12,000'.

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

Surface Wind: Northwest at 05 mph.

Upper Wind: 20000' 290 degrees 35 knots.
25000' 290 degrees 40 knots.

RETURN: Cumulus over Yugoslav mountains built up to 16,000' in spots. Some increase in middle and high clouds over South Italy with 4/10 to 6/10 towering cumulus base 5000' tops 16,000'. Note that descent to 5000' over east Adriatic obviates formation descent through broken clouds over base.

ALTERHATE FIELDS: Foggia area probably best. West Italy not good.

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