

16 December 1944

OPERATIONS ORDER # 291.  
WEATHER ANNEX.

SYNOPTIC SITUATION 06005.

Very flat pressure gradient over central Mediterranean with southwest flow at all levels aloft. Convergence aloft over central and eastern Europe. Frontal system over Ireland stagnating and dissipating but continuing to move slightly east.

FORECAST:

BASE: Sky: 3-4/10 cumulus, base 4000' MSL, tops 6000'.

Air-Ground Visibility: 20 miles or better.

Upper Data: 5000' 220 deg. 15 kts. plus 05 C.  
10000' 220 deg. 15 kts. minus 04 C.  
15000' 230 deg. 20 kts: minus 14 C.

ROUTE: Sky: Base conditions continuing to center of Adriatic, where clouds will increase to 6-8/10 tops 9-10,000'. Over Yugoslavia 8-10/10 stratocumulus, tops 12,000' with 4-6/10 cirrus, base 23,000'. Over Hungary and Czechoslovakia low clouds will break slightly with large holes on lee sides of hills. 3-5/10 cirrus, base 24,000', tops 26,000' over north part of route.

Air-Ground Visibility: 15-20 miles in light haze.

Upper Data: 10000' 220 deg. 15 kts. minus 04 C.  
15000' 240 deg. 20 kts. minus 14 C.  
20000' 250 deg. 30 kts. minus 25 C.

TARGET: Sky: 6-8/10 cumulus, tops 10,000'. 4-6/10 cirrus, base 25,000'.

Air-Ground Visibility: 15 miles in light haze.

Surface Wind: Southerly at 08-12 mph.

Upper Data: 15000' 240 deg. 25 kts. minus 15 C.  
20000' 250 deg. 25 kts. minus 26 C.  
25000' 260 deg. 30 kts. minus 37 C.

RETURN: Same as route out with slight increase in cirrus.

ALTERNATE FIELDS: All areas will remain open with Foggia best.

By command of Brigadier General ACHESON:

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