

16 October 1944

OPERATIONS ORDER #217  
WEATHER ANNEX.

SYNOPTIC SITUATION 0600Z. Deep, complex low over southwest Ireland with occlusion across south England and Normandy. This front is expected to be in south and central Germany at target time. Wave at present over northwest Germany will be in Sweden with dissipating cold front across west Poland, Czechoslovakia, and Austria. High over central Mediterranean remaining stationery and intensifying slightly. Trough over western Mediterranean intensifying with extensive middle and high cloud decks but no pronounced weather.

FORECAST:

BASE: Sky: Scattered low clouds with base at 4000'. 5/10-6/10 middle cloud, base 10,000', tops 12,000'. 5/10-7/10 cirrus above 20,000'.

Air-Ground Visibility: 15 miles in light haze.

Upper Data: 5000' 250 deg. 15 kts. plus 08 C.  
10000' 260 deg. 15 kts. ---- 00 C.  
15000' 260 deg. 20 kts. minus 09 C.

ROUTE: Sky: Middle and high cloud decks will increase and thicken to north, becoming 6/10-10/10 over Yugoslavia and Hungary. Low clouds will dissipate over Adriatic, becoming 7/10-9/10 over Dinarics and 5/10-7/10 over remainder of route. Tops of low clouds over Dinarics up to 12,000'.

Air-Ground Visibility: 15 miles in moderate haze.

Upper Data: 10000' 250 deg. 20 kts. minus 01 0.  
15000' 250 deg. 25 kts. minus 12 C.  
20000' 260 deg. 30 kts. minus 23 C.

TARGET: Sky: 5/10-6/10 low clouds, tops 8000'. 8/10-10/10 middle cloud, base 10,000', tops 14,000'. 7/10-9/10 cirrus above 21,000'.

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

Surface Wind: South or southwest at 15 mph.

Upper Data: 15000' 240 deg. 30 kts. minus 13 C.  
20000' 240 deg. 35 kts. minus 24 C.  
25000' 240 deg. 40 kts. minus 35 C.

RETURN: Similar to route out with all cloud amounts slightly increased and clouds thickened. 6/10-8/10 middle clouds at 8000' and 4/10-6/10 low clouds at 3000' over base on return.

ALTERNATE FIELDS: All areas open, but Manduria best.

By command of Brigadier General ACHESON:

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Major, Air Corps,  
Wing Weather Officer.