

OPERATING CONDITIONS	Q-1	Q-2	Q-3	Q-4	Q-5
WEIGHT (X1000)	110	70	90	80	100
PRESSURE ALTITUDE	30,000	25,000	35,000	20,000	10,000
TOTAL AIR TEMP (TAT)	-8 °C	-23 °C	-16 °C	+4 °C	-6 °C

FIGURE 63.—B-737—Turbulent Air RPM.

TURBULENT AIR PENETRATION								
TARGET SPEED IAS/MACH	PRESS ALT -1000 FT	GROSS WEIGHT - 1000 LB					ISA TAT -°C	% N ₁ ADJUSTMENT PER 10 °C VARIATION FROM TABLE TAT COLDER - WARMER +
		70	80	90	100	110		
		APPROXIMATE POWER SETTING -%N ₁ RPM						
280/70	35	77.1	79.0	81.0	83.4		-36	1.6
	30	77.2	78.2	79.4	81.1	82.4	-23	1.6
	25	76.7	77.5	78.3	79.2	80.1	-13	1.5
	20	74.7	75.4	76.1	77.0	77.9	-6	1.4
	15	72.7	73.5	74.2	74.8	75.7	1	1.2
	10	70.5	71.3	72.1	72.9	73.9	9	1.3

FIGURE 64.—B-737 – Turbulent Air Penetration.

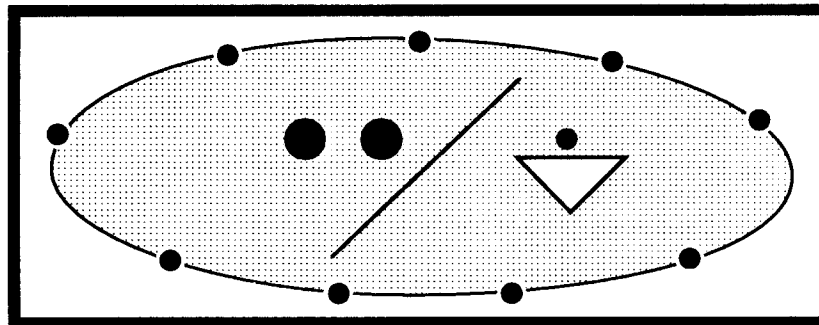


FIGURE 65.—Symbol Used on U.S. Low Level Significant Weather Prog Chart.