AERODROME OBSTACLE CHART — ICAO
TYPE B

BISHKEK, KYRGYZSTAN
MANAS

DIMENSIONS IN METERS
ELEVATIONS IN FEET

74° 25' E | 74° 26' E | 74° 27' E | 74° 28' E | 74° 29' E | 74° 30' E | 74° 31' E | 74° 32' E

43° 04' N | 43° 03' N | 43° 02' N

N 0 30 60 90 120 150 180 210 240 270 300 330

MAGNETIC VARIATION 6° E (2025)
ANNUAL CHANGE 0° 1' E

INNER HORIZONTAL SURAFACE

TRANSITIONAL SURFACE
SLOPE %14.3

APPROACH SURFACE
SLOPE %2

CLEARWAY - 400 m x 300 m

TAKE OFF CLIMB SURFACE
SLOPE %2

CLEARWAY - 250 m x 300 m

STRIP - 4324m x 280m

RUNWAY - 4204 m x 45 m — ASPHALT

254° M ELEV 2055'

ELEV 2090' 074° M

ATC 2180'

2201' 2140' 2148' 2122' 2146' 2134' 2115' 2092' 2115' 2147' 2146' 2127' 2149' 2137' 2134' 2166' 2136' 2107' 2101' 2120' 2098' 2108' 2112' 2067' 2090' 2100' 2064' 2098' 2079' 2115' 2103' 2093' 2081' 2066' 2101' 2128' 2077' 2067' 2153' 2161' 2174' 2175' 2174' 2173' 2172' 2201' 2209' 2205' 2197' 2203' 2200' 2242' 2239' 2208' 2181' 2169' 2173' 2197' 2208' 2205' 2194' 2167' 2171' 2162' 2177' 2202' 2184' 2188' 2188' 2205' 2212' 2205' 2212' 2205' 2221' 2215' 2231' 2205' 2211' 2239' 2214' 2211' 2213' 2265'

LEGEND	
AERODROME REFERENCE POINT (43° 03' 40.58" N 074° 28' 39.03" E)	⊕
BUILDING / LARGE STRUCTURE	■
POLE, TOWER, SPIRE, ANTENNA	○
TREE	✳
TREE IN LINE	✳ ✳ ✳
OBSTACLE ELEVATION (FT)	2242'

HORIZONTAL SCALE - 1:10000 (for A0 sheet size)

METERS 500 0 500 1000 1500 2000 2500 METERS

FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

ORDER OF ACCURACY
HORIZONTAL 2.5 m
VERTICAL 3 ft

BUILDINGS ARE NOT TO THE SCALE

CHANGE: RWY length.