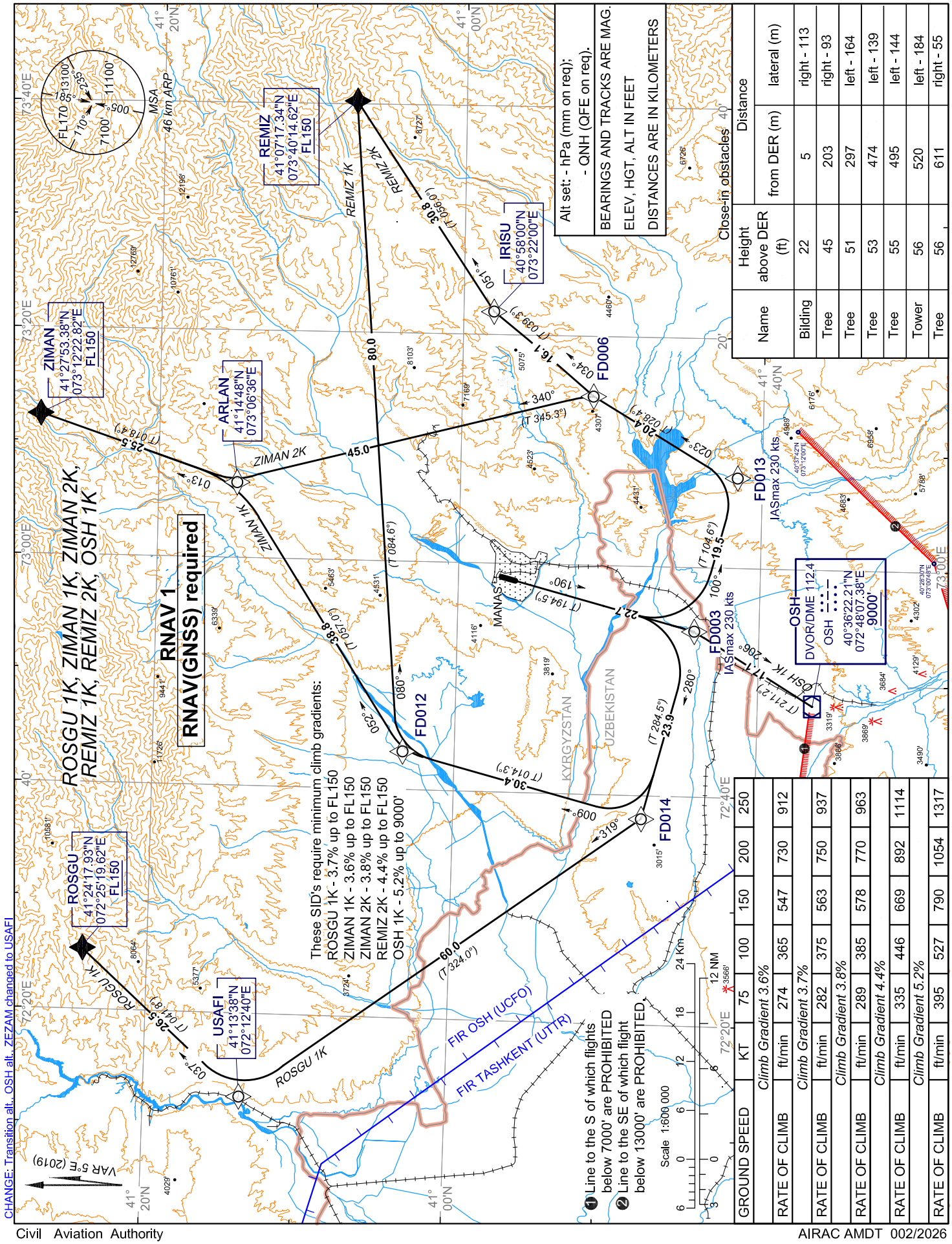
STANDARD DEPARTURE ROUTES - INSTRUMENT (SID RNAV) - ICAO

OSH APPROACH	124.2
JALAL-ABAD TOWER	118.5

TRANSITION ALT: **13000'**

MANAS, KYRGYZSTAN
JALAL-ABAD
RWY 19



Name	Height above DER (ft)	Distance from DER (m)	Distance lateral (m)
Bilding	22	5	right - 113
Tree	45	203	right - 93
Tree	51	297	left - 164
Tree	53	474	left - 139
Tree	55	495	left - 144
Tower	56	520	left - 184
Tree	56	611	right - 55

GROUND SPEED	KT	75	100	150	200	250
Climb Gradient 3.6%						
RATE OF CLIMB	ft/min	274	365	547	730	912
Climb Gradient 3.7%						
RATE OF CLIMB	ft/min	282	375	563	750	937
Climb Gradient 3.8%						
RATE OF CLIMB	ft/min	289	385	578	770	963
Climb Gradient 4.4%						
RATE OF CLIMB	ft/min	335	446	669	892	1114
Climb Gradient 5.2%						
RATE OF CLIMB	ft/min	395	527	790	1054	1317

CHANGE: Transition alt., OSH alt., ZEZAM changed to USAFI