STANDARD DEPARTURE
ROUTES - INSTRUMENT (SID RNAV)

MANAS, KYRGYZSTAN
JALAL-ABAD
RWY 19

SID RNAV RWY 19 ROSGU 1K

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed limit [kts]
ROSGU 1K	RNAV 1	CF	FD003	40°44'17.50"N / 072°54'25.32"E	-	194.5 / 190	22.7	-	-	230
ROSGU 1K	RNAV 1	TF	FD014	40°47'31.06"N / 072°37'58.10"E	-	284.5 / 280	23.9	-	-	-
ROSGU 1K	RNAV 1	TF	USAFI	41°13'38.0"N / 072°12'40.0"E	-	324.0 / 319	60.0	-	-	-
ROSGU 1K	RNAV 1	TF	ROSGU	41°24'17.93"N / 072°25'19.62"E	-	041.6 / 037	26.5	-	- / FL150	-

SID RNAV RWY 19 ZIMAN 1K

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed limit [kts]
ZIMAN 1K	RNAV 1	CF	FD003	40°44'17.50"N / 072°54'25.32"E	-	194.5 / 190	22.7	-	-	230
ZIMAN 1K	RNAV 1	TF	FD014	40°47'31.06"N / 72°37'58.10"E	-	284.5 / 280	23.9	-	-	-
ZIMAN 1K	RNAV 1	TF	FD012	41°03'25.33"N / 072°43'19.99"E	-	014.3 / 009	30.4	-	-	-
ZIMAN 1K	RNAV 1	TF	ARLAN	41°14'48.0"N / 073°06'36.0"E	-	057.0 / 052	38.8	-	-	-
ZIMAN 1K	RNAV 1	TF	ZIMAN	41°27'53.38"N / 073°12'22.82"E	-	018.4 / 013	25.5	-	- / FL150	-

SID RNAV RWY 19 ZIMAN 2K

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed limit [kts]
ZIMAN 2K	RNAV 1	CF	FD003	40°44'17.50"N / 072°54'25.32"E	-	194.5 / 190	22.7	-	-	230
ZIMAN 2K	RNAV 1	TF	FD013	40°41'37.58"N / 73°07'50.79"E	-	104.5 / 100	19.5	-	-	230
ZIMAN 2K	RNAV 1	TF	FD006	40°51'17.51"N / 073°14'44.68"E	-	028.4 / 023	20.4	-	-	-
ZIMAN 2K	RNAV 1	TF	ARLAN	41°14'48.0"N / 073°06'36.0"E	-	345.3 / 340	45.0	-	-	-
ZIMAN 2K	RNAV 1	TF	ZIMAN	41°27'53.38"N / 073°12'22.82"E		018.4 / 013	25.5	-	- / FL150	-

SID RNAV RWY 19 REMIZ 1K

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed limit [kts]
REMIZ 1K	RNAV 1	CF	FD003	40°44'17.50"N / 072°54'25.32"E	-	194.5 / 190	22.7	-	-	230
REMIZ 1K	RNAV 1	TF	FD014	40°47'31.06"N / 72°37'58.10"E	-	284.5 / 280	23.9	-	-	
REMIZ 1K	RNAV 1	TF	FD012	41°03'25.33"N / 072°43'19.99"E	-	014.3 / 009	30.4	-	-	
REMIZ 1K	RNAV 1	TF	REMIZ	41°07'17.34"N / 073°40'14.62"E	-	084.6 / 080	80.0	-	- / FL150	