

STANDARD ARRIVAL  
CHART - INSTRUMENT  
(STAR) - ICAO

TRANSITION ALT  
10000 FT

ALMATY APPROACH 118.3  
ALMATY RADAR 126.8  
ALMATY TOWER 119.4  
ALMATY ATIS (EN) 129.8  
ALMATY ATIS (RU) 135.1

(RNAV 1 STAR BASED ON GNSS)  
ETEDA 1Q, ETEDA 1R

ALMATY  
RWY 23L/23R

76°30'E

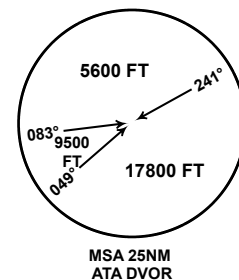
77°30'E

DIST IN NM  
ALT, ELEV IN FT  
BRG ARE MAGNETIC  
VAR 5°E

ETEDA  
44°20'24"N  
076°32'06"E  
FL230

UAD6  
190 FL  
GND

SURVEILLANCE RADAR REQUIRED



ETEDA 1R  
11.6  
196°  
(201.3°T)

AA218  
44°09'38"N  
076°26'15"E  
FL200

ETEDA 1Q  
15.0  
143°  
(143.1°T)

AA217  
44°08'26"N  
076°44'39"E  
FL170

ETEDA 1R  
27.7  
117°  
(122.4°T)

ETEDA 1Q  
17.0  
138°  
(143.2°T)

UAR11  
120 FL  
GND

FL130  
1 MIN

318° (323.0°T)

AA219  
43°54'51"N  
076°58'46"E  
FL130

UAR290  
4700 FT MSL  
GND

UAR4  
170 FL  
GND

130°  
(143.3°T)

UAR172  
8300 FT MSL  
GND

AA222  
43°44'26"N  
077°09'30"E  
10000

UAR162  
170 FL  
GND

UAP4  
5000 FT MSL  
GND

10.8  
(143.4°T)

AA223  
43°35'43"N  
077°18'25"E  
7800

AA226  
43°31'12"N  
077°22'41"E  
6400

LEGLA  
43°28'26"N  
077°16'54"E  
5200

5.0  
231°  
(236.6°T)

UAP27  
3600 FT MSL  
GND

ALMATY  
DVOR/DME 116.4  
ATA  
CH. 111X  
43°22'29"N  
077°05'07"E  
2200 FT

2428

2346

2423

UAR1  
260 FL  
GND

UAR2  
160 FL  
GND

UAR3  
260 FL  
GND

UAR178  
8500 FT MSL  
GND

2884

2262

2423

R074° D27.2 ATA FL190

R217°  
D15.8 ATA FL190



CHANGE: APP FREQ.

TABULAR DESCRIPTION

ETEDA 1Q											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
10	IF	ETEDA	-		5.12	0	-	+FL230	-315	-	RNAV1
20	TF	AA217	-	138(143.1)	5.12	15	-	+FL170	-280	-	RNAV1
30	TF	AA219	-	138(143.2)	5.12	17	-	+FL130	-280	-	RNAV1
40	TF	AA222	-	138(143.3)	5.12	13	-	-10000	-280	-	RNAV1
50	TF	AA223	-	138(143.4)	5.12	10.8	-	+7800	-250	-	RNAV1
60	TF	AA226	-	140(145.5)	5.12	5.5	-	+6400	-230	-	RNAV1
70	TF	LEGLA	-	231(236.6)	5.12	5	R	+5200	-230	-	RNAV1

WAYPOINT LIST				WAYPOINT LIST			
ETEDA 1Q				ETEDA 1R			
Waypoint Identifier	Coordinates			Waypoint Identifier	Coordinates		
ETEDA	442024.00N	0763206.00E		ETEDA	442024.00N	0763206.00E	
AA217	440826.12N	0764438.87E		AA218	440937.50N	0762614.69E	
AA219	435450.97N	0765845.88E		AA219	435450.97N	0765845.88E	
AA222	434425.91N	0770929.80E		AA222	434425.91N	0770929.80E	
AA223	433543.23N	0771824.60E		AA223	433543.23N	0771824.60E	
AA226	433111.67N	0772241.01E		AA226	433111.67N	0772241.01E	
LEGLA	432825.52N	0771654.27E		LEGLA	432825.52N	0771654.27E	

TABULAR DESCRIPTION

ETEDA 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
10	IF	ETEDA	-		5.12	0	-	+FL230	-320	-	RNAV1
20	TF	AA218	-	196(201.3)	5.12	11.6	-	+FL200	-280	-	RNAV1
30	TF	AA219	-	117(122.4)	5.12	27.7	L	+FL130	-280	-	RNAV1
40	TF	AA222	-	138(143.3)	5.12	13	R	-10000	-280	-	RNAV1
50	TF	AA223	-	138(143.4)	5.12	10.8	-	+7800	-250	-	RNAV1
60	TF	AA226	-	140(145.5)	5.12	5.5	-	+6400	-230	-	RNAV1
70	TF	LEGLA	-	231(236.6)	5.12	5	R	+5200	-230	-	RNAV1