

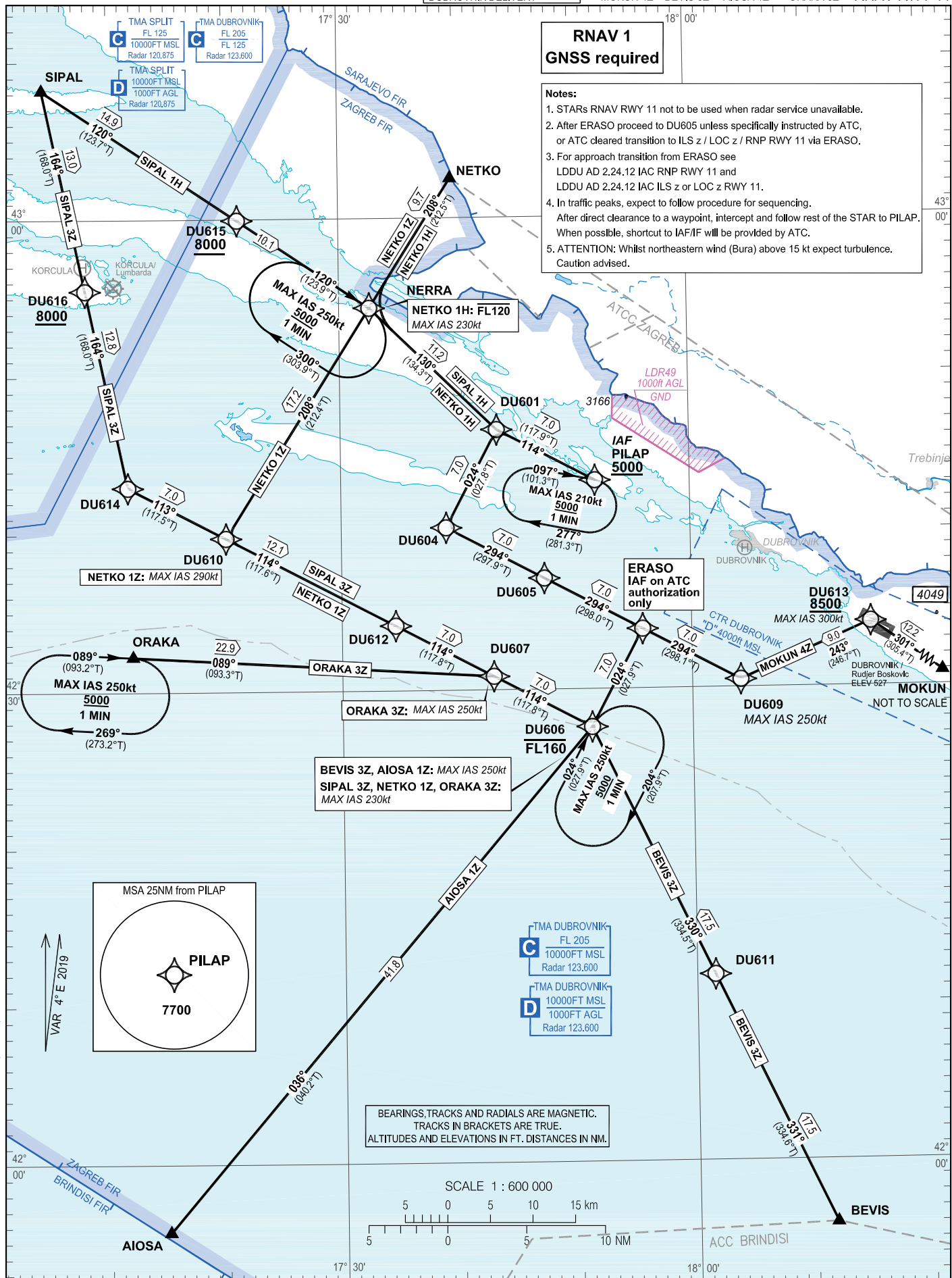
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10 000

DUBROVNIK ATIS 118.425
DUBROVNIK RADAR 123.600
DUBROVNIK TOWER 129.500
DUBROVNIK DELIVERY 125.400

DUBROVNIK / Rudjer Boskovic (LDDU)

SIPAL 3Z SIPAL 1H NETKO 1Z NETKO 1H
MOKUN 4Z BEVIS 3Z AIOSA 1Z ORAKA 3Z RNAV RWY 11



DUBROVNIK / Rudjer Boskovic (LDDU)

SIPAL 3Z SIPAL 1H NETKO 1Z NETKO 1H
RNAV RWY 11 MOKUN 4Z BEVIS 3Z AIOSA 1Z ORAKA 3Z

NOTES:
1. IAF on ATC authorization only: For APPROACH TRANSITION from ERASO see LDDU AD 2.24.12 IAC RNP RWY 11 and LDDU AD 2.24.12 IAC ILS z or LOC z RWY 11.

LDDU RNAV STANDARD ARRIVAL RWY 11												
Proposed tabular description for navigation database coding												
Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	SIPAL 3Z	IF	SIPAL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	DU616	-	164° (168.0°T)	4°E	13.0	-	+8000	-	-	
030		TF	DU614	-	164° (168.0°T)	4°E	12.8	-	-	-	-	
040		TF	DU610	-	113° (117.5°T)	4°E	7.0	-	-	-	-	
050		TF	DU612	-	114° (117.6°T)	4°E	12.1	-	-	-	-	
060		TF	DU607	-	114° (117.8°T)	4°E	7.0	-	-	-	-	
070		TF	DU606	-	114° (117.8°T)	4°E	7.0	-	-FL160	-230	-	
080		TF	ERASO	-	024° (027.9°T)	4°E	7.0	L	-	-	IAF on ATC authorization only	
090		TF	DU605	-	294° (298.0°T)	4°E	7.0	L	-	-	-	
100		TF	DU604	-	294° (297.9°T)	4°E	7.0	-	-	-	-	
110		TF	DU601	-	024° (027.8°T)	4°E	7.0	R	-	-	-	
120		TF	PILAP	-	114° (117.9°T)	4°E	7.0	R	+5000	-	IAF	
010	SIPAL 1H	IF	SIPAL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	DU615	-	120° (123.7°T)	4°E	14.9	-	+8000	-	-	
030		TF	NERRA	-	120° (123.9°T)	4°E	10.1	-	-	-	-	
040		TF	DU601	-	130° (134.3°T)	4°E	11.2	-	-	-	-	
050		TF	PILAP	-	114° (117.9°T)	4°E	7.0	-	+5000	-	IAF	

CHANGE: TMA's classification vertical limits; Notes; Editorial.

DUBROVNIK / Rudjer Boskovic (LDDU)

SIPAL 3Z SIPAL 1H NETKO 1Z NETKO 1H
MOKUN 4Z BEVIS 3Z AIOSA 1Z ORAKA 3Z RNAV RWY 11

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	NETKO 1Z	IF	NETKO	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	NERRA	-	208° (212.5°T)	4°E	9.7	-	-	-	-	
030		TF	DU610	-	208° (212.4°T)	4°E	17.2	-	-	-290	-	
040		TF	DU612	-	114° (117.6°T)	4°E	12.1	L	-	-	-	
050		TF	DU607	-	114° (117.8°T)	4°E	7.0	-	-	-	-	
060		TF	DU606	-	114° (117.8°T)	4°E	7.0	-	-FL160	-230	-	
070		TF	ERASO	-	024° (027.9°T)	4°E	7.0	L	-	-	IAF on ATC authorization only	
080		TF	DU605	-	294° (298.0°T)	4°E	7.0	L	-	-	-	
090		TF	DU604	-	294° (297.9°T)	4°E	7.0	-	-	-	-	
100		TF	DU601	-	024° (027.8°T)	4°E	7.0	R	-	-	-	
110		TF	PILAP	-	114° (117.9°T)	4°E	7.0	R	+5000	-	IAF	
010	NETKO 1H	IF	NETKO	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	NERRA	-	208° (212.5°T)	4°E	9.7	-	-FL120	-230	-	
030		TF	DU601	-	130° (134.3°T)	4°E	11.2	-	-	-	-	
040		TF	PILAP	-	114° (117.9°T)	4°E	7.0	-	+5000	-	IAF	
010	MOKUN 4Z	IF	MOKUN	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	DU613	-	301° (305.4°T)	4°E	12.2	-	+8500	-300	-	
030		TF	DU609	-	243° (246.7°T)	4°E	9.0	-	-	-250	-	
040		TF	ERASO	-	294° (298.1°T)	4°E	7.0	-	-	-	IAF on ATC authorization only	
050		TF	DU605	-	294° (298.0°T)	4°E	7.0	-	-	-	-	
060		TF	DU604	-	294° (297.9°T)	4°E	7.0	-	-	-	-	
070		TF	DU601	-	024° (027.8°T)	4°E	7.0	R	-	-	-	
080		TF	PILAP	-	114° (117.9°T)	4°E	7.0	R	+5000	-	IAF	

CHANGE: TMAs classification vertical limits; Notes; Editorial.

DUBROVNIK / Rudjer Boskovic (LDDU)

RNAV RWY 11

SIPAL 3Z
MOKUN 4Z

SIPAL 1H
BEVIS 3Z

NETKO 1Z
AIOSA 1Z

NETKO 1H
ORAKA 3Z

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	BEVIS 3Z	IF	BEVIS	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	DU611	-	331° (334.6°T)	4°E	17.5	-	-	-	-	
030		TF	DU606	-	330° (334.5°T)	4°E	17.5	-	-FL160	-250	-	
040		TF	ERASO	-	024° (027.9°T)	4°E	7.0	-	-	-	IAF on ATC authorization only	
050		TF	DU605	-	294° (298.0°T)	4°E	7.0	L	-	-	-	
060		TF	DU604	-	294° (297.9°T)	4°E	7.0	-	-	-	-	
070		TF	DU601	-	024° (027.8°T)	4°E	7.0	R	-	-	-	
080		TF	PILAP	-	114° (117.9°T)	4°E	7.0	R	+5000	-	IAF	
010	AIOSA 1Z	IF	AIOSA	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	DU606	-	036° (040.2°T)	4°E	41.8	-	-FL160	-250	-	
030		TF	ERASO	-	024° (027.9°T)	4°E	7.0	-	-	-	IAF on ATC authorization only	
040		TF	DU605	-	294° (298.0°T)	4°E	7.0	L	-	-	-	
050		TF	DU604	-	294° (297.9°T)	4°E	7.0	-	-	-	-	
060		TF	DU601	-	024° (027.8°T)	4°E	7.0	R	-	-	-	
070		TF	PILAP	-	114° (117.9°T)	4°E	7.0	R	+5000	-	IAF	
010	ORAKA 3Z	IF	ORAKA	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	DU607	-	089° (093.3°T)	4°E	22.9	-	-	-250	-	
030		TF	DU606	-	114° (117.8°T)	4°E	7.0	-	-FL160	-230	-	
040		TF	ERASO	-	024° (027.9°T)	4°E	7.0	L	-	-	IAF on ATC authorization only	
050		TF	DU605	-	294° (298.0°T)	4°E	7.0	L	-	-	-	
060		TF	DU604	-	294° (297.9°T)	4°E	7.0	-	-	-	-	
070		TF	DU601	-	024° (027.8°T)	4°E	7.0	R	-	-	-	
080		TF	PILAP	-	114° (117.9°T)	4°E	7.0	R	+5000	-	IAF	

CHANGE: TMA's classification vertical limits; Notes; Editorial.

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SIPAL 3Z
MOKUN 4Z

SIPAL 1H
BEVIS 3Z

NETKO 1Z
AIOSA 1Z

NETKO 1H
ORAKA 3Z

RNAV RWY 11

RNAV HOLDING tabular description										
Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ Distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
PILAP	HM	097° (101.3°T)	1 MIN / -	R	5000	-	210	4°E	-	RNAV 1
NERRA	HM	120° (123.9°T)	1 MIN / -	R	5000	-	250	4°E	-	RNAV 1
ORAKA	HM	089° (093.2°T)	1 MIN / -	R	5000	-	250	4°E	-	RNAV 1
DU606	HM	024° (027.9°T)	1 MIN / -	R	5000	-	250	4°E	-	RNAV 1

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
AIOSA	415542N	0171454E
BEVIS	415558N	0181140E
ERASO	423345.7N	0175547.1E
MOKUN	422701N	0182848E
NERRA	425418.5N	0173236.3E
NETKO	430230N	0173942E
ORAKA	423213N	0171202E
PILAP	424313.8N	0175151.5E
SIPAL	430812N	0170425E
DU601	424630.5N	0174327.6E
DU604	424018.9N	0173901.6E
DU605	423702.6N	0174724.8E
DU606	422734.5N	0175120.8E
DU607	423051.1N	0174259.0E
DU609	423028.1N	0180408.6E
DU610	423944.6N	0172005.2E
DU611	421146.7N	0180132.9E
DU612	423407.1N	0173436.4E
DU613	423403.53N	0181521.99E
DU614	424258.6N	0171140.9E
DU615	425955.6N	0172115.3E
DU616	425528.5N	0170805.4E

CHANGE: TMAs classification vertical limits; Notes; Editorial.

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