

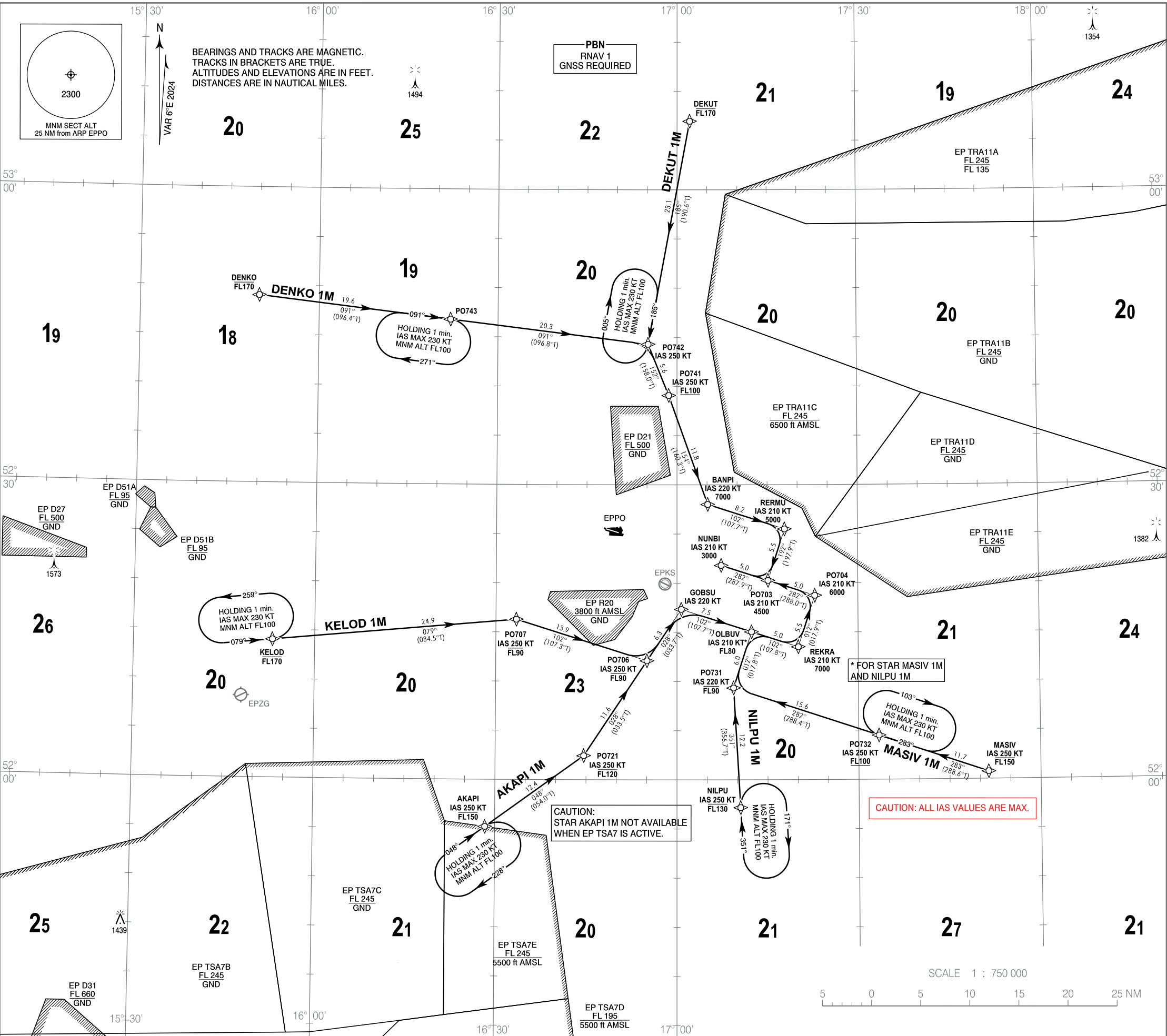
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE 6500

Poznań APPROACH	128.925
Poznań DELIVERY	121.805
Poznań GROUND	124.140
Poznań TOWER	119.980

Poznań - Ławica
RNAV RWY 28

AKAPI 1M DEKUT 1M DENKO 1M
KELOD 1M MASIV 1M NILPU 1M



1. RNAV 1 approval required to conduct these procedures without additional restrictions. However it is possible to utilize RNAV 1 trajectories by RNAV 5 only approved aircraft. The following restriction apply: A/c equipped with RNAV 5 systems without navigation database, and requiring manual data input are exempted from the utilization of RNAV 1 procedures.
2. All aircraft which can not follow and utilize RNAV 1 trajectories shall advise ATC upon first contact. Radar vectoring will be provided, usually along published procedures.
3. Holding patterns as directed by ATC, available for non RNAV 1 approved aircraft.
4. Vertical planning information: air crews should plan for possible descent clearance in accordance with vertical restrictions specified on chart. Actual descent clearance will be as directed by ATC. If possible, CDA technique should be applied.
5. Expect direct routing/shortcuts by ATC whenever possible (especially during off-peak hours). The turn to final approach is usually performed by radar vectors to expedite traffic handling and for separation reasons.

Correction: VAR, bearings, tracks changed.

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

POZNAŃ/Ławica
RNAV RWY 28
AKAPI 1M DEKUT 1M DENKO 1M KELOD 1M MASIV 1M NILPU 1M

AKAPI 1M

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	AKAPI	-	-	-FL150	-250	RNAV 1
002	TF	PO721	048 (054.0)	12.39	-FL120	-250	RNAV 1
003	TF	PO706	028 (033.5)	11.61	-FL90	-250	RNAV 1
004	TF	GOBSU	028 (033.7)	6.29	-	-220	RNAV 1
005	TF	OLBUV	102 (107.7)	7.51	FL80	-220	RNAV 1
006	TF	REKRA	102 (107.8)	5.00	7000 ft	-210	RNAV 1
007	TF	PO704	012 (017.9)	5.50	6000 ft	-210	RNAV 1
008	TF	PO703	282 (288.0)	5.00	4500 ft	-210	RNAV 1
009	TF	NUNBI	282 (287.9)	5.00	3000 ft	-210	RNAV 1

DEKUT 1M

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	DEKUT	-	-	-FL170	-	RNAV 1
002	TF	PO742	185 (190.6)	23.10	-	-250	RNAV 1
003	TF	PO741	152 (158.0)	5.62	+FL100	-250	RNAV 1
004	TF	BANPI	154 (160.3)	11.78	7000 ft	-220	RNAV 1
005	TF	RERMU	102 (107.7)	8.20	5000 ft	-210	RNAV 1
006	TF	PO703	192 (197.9)	5.50	4500 ft	-210	RNAV 1
007	TF	NUNBI	282 (287.9)	5.00	3000 ft	-210	RNAV 1

DENKO 1M

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	DENKO	-	-	-FL170	-	RNAV 1
002	TF	PO743	091 (096.4)	19.62	-	-	RNAV 1
003	TF	PO742	091 (096.8)	20.26	-	-250	RNAV 1
004	TF	PO741	152 (158.0)	5.62	+FL100	-250	RNAV 1
005	TF	BANPI	154 (160.3)	11.78	7000 ft	-220	RNAV 1
006	TF	RERMU	102 (107.7)	8.20	5000 ft	-210	RNAV 1
007	TF	PO703	192 (197.9)	5.50	4500 ft	-210	RNAV 1
008	TF	NUNBI	282 (287.9)	5.00	3000 ft	-210	RNAV 1

KELOD 1M

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	KELOD	-	-	-FL170	-	RNAV 1
002	TF	PO707	079 (084.5)	24.92	-FL90	-250	RNAV 1
003	TF	PO706	102 (107.3)	13.95	-FL90	-250	RNAV 1
004	TF	GOBSU	028 (033.7)	6.29	-	-220	RNAV 1
005	TF	OLBUV	102 (107.7)	7.51	FL80	-220	RNAV 1
006	TF	REKRA	102 (107.8)	5.00	7000 ft	-210	RNAV 1
007	TF	PO704	012 (017.9)	5.50	6000 ft	-210	RNAV 1
008	TF	PO703	282 (288.0)	5.00	4500 ft	-210	RNAV 1
009	TF	NUNBI	282 (287.9)	5.00	3000 ft	-210	RNAV 1

MASIV 1M

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	MASIV	-	-	-FL150	-250	RNAV 1
002	TF	PO732	283 (288.6)	11.75	+FL100	-250	RNAV 1
003	TF	PO731	282 (288.4)	15.57	-FL90	-220	RNAV 1
004	TF	OLBUV	012 (017.8)	6.00	FL80	-210	RNAV 1
005	TF	REKRA	102 (107.8)	5.00	7000 ft	-210	RNAV 1
006	TF	PO704	012 (017.9)	5.50	6000 ft	-210	RNAV 1
007	TF	PO703	282 (288.0)	5.00	4500 ft	-210	RNAV 1
008	TF	NUNBI	282 (287.9)	5.00	3000 ft	-210	RNAV 1

NILPU 1M

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	NILPU	-	-	-FL130	-250	RNAV 1
002	TF	PO731	351 (356.7)	12.21	-FL90	-220	RNAV 1
003	TF	OLBUV	012 (017.8)	6.00	FL80	-210	RNAV 1
004	TF	REKRA	102 (107.8)	5.00	7000 ft	-210	RNAV 1
005	TF	PO704	012 (017.9)	5.50	6000 ft	-210	RNAV 1
006	TF	PO703	282 (288.0)	5.00	4500 ft	-210	RNAV 1
007	TF	NUNBI	282 (287.9)	5.00	3000 ft	-210	RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
AKAPI	51 55 12.0 N	016 28 22.0 E
BANPI	52 28 00.4 N	017 05 06.3 E
DEKUT	53 06 58.0 N	017 02 07.0 E
DENKO	52 49 00.7 N	015 49 57.0 E
GOBSU	52 17 20.0 N	017 00 42.7 E
KELOD	52 14 02.0 N	015 53 00.0 E
MASIV	52 00 44.9 N	017 51 23.9 E
NILPU	51 57 10.0 N	017 10 30.0 E
NUNBI	52 21 48.2 N	017 07 20.0 E
OLBUV	52 15 02.8 N	017 12 20.9 E
PO703	52 20 16.4 N	017 15 05.8 E
PO704	52 18 44.2 N	017 22 51.0 E
PO706	52 12 06.2 N	016 55 01.8 E
PO707	52 16 17.4 N	016 33 23.0 E
PO721	52 02 26.8 N	016 44 36.7 E
PO731	52 09 20.5 N	017 09 21.7 E
PO732	52 04 28.5 N	017 33 21.3 E
PO741	52 39 05.1 N	016 58 36.5 E
PO742	52 44 17.2 N	016 55 09.0 E
PO743	52 46 44.9 N	016 22 03.3 E
REKRA	52 13 30.7 N	017 20 05.3 E
RERMU	52 25 30.0 N	017 17 51.3 E