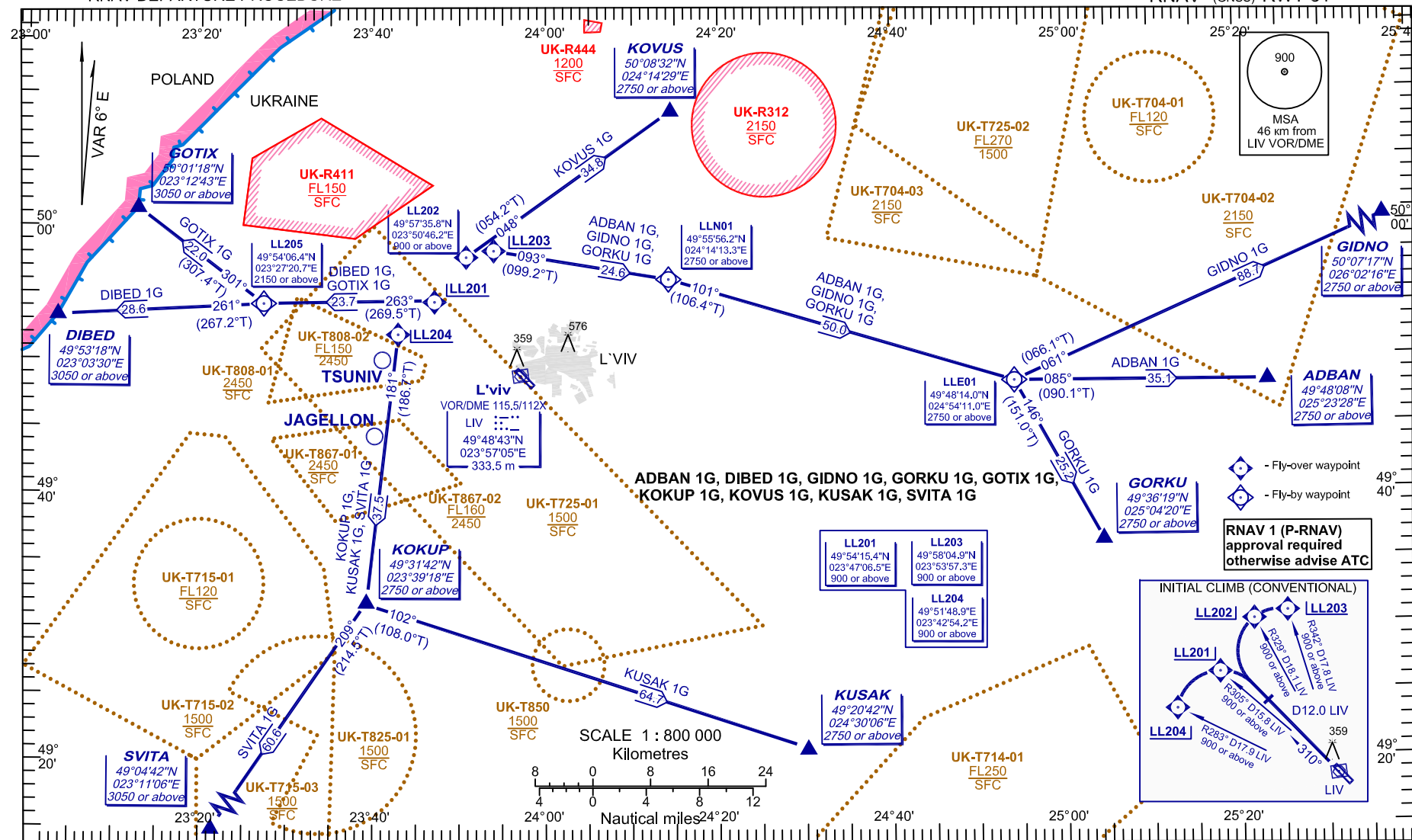


TRANSITION LEVEL:	by ATC
TRANSITION ALT:	3050

TWR	128.000
Radar	120.525

ATIS 128.700 ENG
ATIS 124.700 RUS

RNAV DEPARTURE PROCEDURE



NOTE:

1. Minimum climb gradient 5.2% up to 900m.
2. If unable to comply departure procedures advise ATC.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

RNAV DEPARTURE PROCEDURE

RNAV 1 (GNSS) RWY 31

Designator	Initial climb description (conventional)						
ADBAN 1G ADBAN ONE GOLF	Route			Altitude		Remark	
	On track 310° D12,0 LIV DME, turn RIGHT to R342° D17,8 LIV VOR/DME, then at LL203 as described below			Cross D12,0 LIV DME at 900 or above, R342° D17,8 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m	
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	LL203	Y	-	-	+900	-
	TF	LLN01	N	093 (099,2)	-	+2750	-
	TF	LLE01	N	101 (106,4)	R	+2750	-
	TF	ADBAN	N	085 (090,1)	L	+2750	-

Designator	Initial climb description (conventional)						
DIBED 1G DIBED ONE GOLF	Route			Altitude		Remark	
	On track 310° to D12,0 LIV DME, turn LEFT to 305° D15,8 LIV VOR/DME, then at LL201 as described below			Cross D12,0 LIV DME at 900 or above, R305° D15,8 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m	
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	LL201	Y	-	-	+900	-
	TF	LL205	N	263 (269,5)	-	+2150	-
	TF	DIBED	N	261 (267,2)	L	+3050	-

Designator	Initial climb description (conventional)						
GIDNO 1G GIDNO ONE GOLF	Route			Altitude		Remark	
	On track 310° D12,0 LIV DME, turn RIGHT to R342° D17,8 LIV VOR/DME, then at LL203 as described below			Cross D12,0 LIV DME at 900 or above, R342° D17,8 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m	
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	LL203	Y	-	-	+900	-
	TF	LLN01	N	093 (099,2)	-	+2750	-
	TF	LLE01	N	101 (106,4)	R	+2750	-
	TF	GIDNO	N	061 (066,1)	L	+2750	-

Designator	Initial climb description (conventional)						
GORKU 1G GORKU ONE GOLF	Route			Altitude		Remark	
	On track 310° D12,0 LIV DME, turn RIGHT to R342° D17,8 LIV VOR/DME, then at LL203 as described below			Cross D12,0 LIV DME at 900 or above, R342° D17,8 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m	
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	LL203	Y	-	-	+900	-
	TF	LLN01	N	093 (099,2)	-	+2750	-
	TF	LLE01	N	101 (106,4)	R	+2750	-
	TF	GORKU	N	146 (151,0)	R	+2750	-

Designator	Initial climb description (conventional)						
GOTIX 1G GOTIX ONE GOLF	Route			Altitude		Remark	
	On track 310° D12,0 LIV DME, turn LEFT to R305° D15,8 LIV VOR/DME, then at LL201 as described below			Cross D12,0 LIV DME at 900 or above, R305° D15,8 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m	
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	LL201	Y	-	-	+900	-
	TF	LL205	N	263 (269,5)	-	+2150	-
	TF	GOTIX	N	301 (307,4)	R	+3050	-

Designator	Initial climb description (conventional)					
KOKUP 1G KOKUP ONE GOLF	Route			Altitude		Remark
	On track 310° D12,0 LIV DME, turn LEFT to R283° D17,9 LIV VOR/DME, then at LL204 as described below			Cross D12,0 LIV DME at 900 or above, R283° D17,9 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude
	IF	LL204	Y	-	-	+900
	TF	KOKUP	N	181 (186,7)	-	+2750

Designator	Initial climb description (conventional)					
KOVUS 1G KOVUS ONE GOLF	Route			Altitude		Remark
	On track 310° D12,0 LIV DME, turn RIGHT to R329° D18,1 LIV VOR/DME, then at LL202 as described below			Cross D12,0 LIV DME at 900 or above, R329° D18,1 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude
	IF	LL202	Y	-	-	+900
	TF	KOVUS	N	048 (054,2)	-	+2750

Designator	Initial climb description (conventional)					
KUSAK 1G KUSAK ONE GOLF	Route			Altitude		Remark
	On track 310° D12,0 LIV DME, turn LEFT to R283° D17,9 LIV VOR/DME, then at LL204 as described below			Cross D12,0 LIV DME at 900 or above, R283° D17,9 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude
	IF	LL204	Y	-	-	+900
	TF	KOKUP	N	181 (186,7)	-	+2750
	TF	KUSAK	N	102 (108,0)	L	+2750

Designator	Initial climb description (conventional)					
SVITA 1G SVITA ONE GOLF	Route			Altitude		Remark
	On track 310° D12,0 LIV DME, turn LEFT to R283° D17,9 LIV VOR/DME, then at LL204 as described below			Cross D12,0 LIV DME at 900 or above, R283° D17,9 LIV VOR/DME at 900 or above		Minimum climb gradient 5,2% up to 900 m
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude
	IF	LL204	Y	-	-	+900
	TF	KOKUP	N	181 (186,7)	-	+2750
	TF	SVITA	N	209 (214,5)	R	+3050

WAYPOINTS

Waypoint name	Coordinates		Waypoint name	Coordinates	
LL201	495415,4N	0234706,5E	GIDNO	500717,0N	0260216,0E
LL202	495735,8N	0235046,2E	SVITA	490442,0N	0231106,0E
LL203	495804,9N	0235357,3E	GORKU	493619,0N	0250420,0E
LL204	495148,9N	0234254,2E	GOTIX	500118,0N	0231243,0E
LL205	495406,4N	0232720,7E	KOVUS	500832,0N	0241429,0E
LLN01	495556,2N	0241413,3E	DIBED	495318,0N	0230330,0E
LLE01	494814,0N	0245411,0E	ADBAN	494808,0N	0252328,0E
KOKUP	493142,0N	0233918,0E			
KUSAK	492042,0N	0243006,0E			