

1411 INITIAL CLIMB PROCEDURES	RWY 34 R	ROMA/FIUMICINO
	34 L	TRANSITION ALT 6000

BEARINGS ARE MAGNETIC  
JAN 10 (OST VOR)

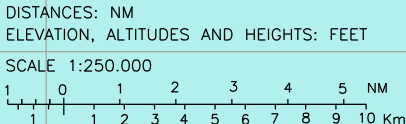
GILIO 7C
GILIO 7D
TIMOV 6B

GILIO 7E (1)
GILIO 5F
GILIO 5G
TIMOV 8A (1)
TIMOV 5C (1)

GISPA 7A
NEMBO 5A
PODOX 6E

- \* WARNING:**  
Join/cross RDL 289 OST VOR always not above 4000 ft.
- REMARKS:**
- (1) For RWY 34L normal departure procedure only.
  - (2) For EKLOS 5M, SOSAK 5M, RAVAL 5M only
  - (3) For SID EKLOS only

LEGEND	
RWY 34L Normal Procedure	—————
Alternate Procedure	- - - - -
RWY 34R	.....



FREQUENCIES	
GND Fiume Ground	121.900 (122.125)
Fiume Planning	121.800
TWR Fiume Tower	118.700 (127.625)
Roma Departure	130.900

CHANGE: SID AGASA 7A WITHDRAWN

**PROCEDURE PER LA DIMINUZIONE DEL RUMORE**

Le rotte di partenza comprendono le procedure per la diminuzione del rumore.

Applicare la tecnica della diminuzione del rumore.

**NOTA**

I piloti devono adottare un gradiente minimo di salita conforme alle prescrizioni dell' Annesso 6-ICAO per un sicuro sorvolo degli ostacoli. Tale gradiente deve essere mantenuto in ogni circostanza prevedibile.

**RWY 34L**

IAS Max durante la virata su D1 OST 210 kt.

**SOSAK 5Y**

Dopo il decollo mantenere prua pista fino a 1NM OST DME (MCA 410 ft) quindi virare a sinistra per intercettare e seguire RDL 217 OST VOR per il punto SOSAK.

MCA: SOSAK 3000FT

**SOSAK 5M**

Dopo il decollo procedere via RF801 – RF802 – RF703 – SOSAK.

MCA: RF801 410 FT; RF802 2800FT; SOSAK 3000FT

**NOISE ABATEMENT PROCEDURES**

Departure track include Noise Abatement routeing.

Apply noise abatement technique.

**REMARK**

Pilots shall adopt a minimum climb gradient in accordance with ICAO-Annex 6 provisions for a safe obstacles overflying. Such climb gradient shall be maintained in any foreseeable circumstance.

**RWY 34L**

IAS Max during turn over D1 OST 210 kt.

**SOSAK 5Y**

After take-off maintain RWY heading up to 1 NM OST DME (MCA 410 ft) then turn left to join RDL 217 OST VOR bound to SOSAK.

**SOSAK 5M**

After take-off proceed via RF801 – RF802 – RF703 – SOSAK.

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	P-RNAV
DF	RF801	Y	-	-	410	210	-	-	P-RNAV
DF	RF802	Y	-	-	2800	230	-	-	P-RNAV
DF	RF703	-	-	-	-	-	-	-	P-RNAV
TF	SOSAK	-	217°	-	3000	-	-	-	P-RNAV

**EKLOS 5M**

Dopo il decollo procedere via RF801 – RF802 – RF703 – EKLOS.

**EKLOS 5M**

After take-off proceed via RF801 – RF802 – RF703 – EKLOS.

MCA: RF801 410FT; RF802 2800FT; RF703 6000FT; EKLOS FL80

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	P-RNAV
DF	RF801	Y	-	-	410	210	-	-	P-RNAV
DF	RF802	Y	-	-	2800	230	-	-	P-RNAV
DF	RF703	-	-	-	6000	-	-	-	P-RNAV
TF	EKLOS	-	138°	-	FL80	-	-	-	P-RNAV

**RAVAL 5Y**

Dopo il decollo mantenere prua pista fino a 1NM OST DME (MCA 410 ft) quindi virare a sinistra per intercettare RDL 268 OST VOR per il punto RAVAL.

**RAVAL 5Y**

After take-off maintain RWY heading up to 1 NM OST DME (MCA 410 ft) then turn left then turn right to join RDL 268 OST VOR bound to RAVAL.

MCA: RAVAL 4000FT

**RAVAL 5M**

Dopo il decollo procedere via RF801 – RF802 – RAVAL.

**RAVAL 5M**

After take-off proceed via RF801 – RF802 – RAVAL.

MCA: RF801 410FT; RF802 2800FT; RAVAL 4000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	P-RNAV
DF	RF801	Y	-	-	410	210	-	-	P-RNAV
DF	RF802	-	-	-	2800	-	-	-	P-RNAV
TF	RAVAL	-	260°	-	4000	-	-	-	P-RNAV

**ERNEN 5Y**

Dopo il decollo mantenere prua pista fino a 1NM OST DME (MCA 410 ft) quindi virare a sinistra per RDL 289 OST VOR per il punto ERNEN.

**ERNEN 5Y**

After take-off maintain RWY heading up to 1 NM OST DME (MCA 410 ft) then turn left to join RDL 289 OST VOR bound to ERNEN.

MCA: ERNEN 4000FT

**ERNEN 5M**

Dopo il decollo procedere via RF801 – RF802 – RF 812 - ERNEN.

**ERNEN 5M**

After take-off proceed via RF801 – RF802 – RF812 - ERNEN.

MCA: RF801 410 FT; RF802 2500FT; RF812 3000FT; ERNEN 4000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	P-RNAV
DF	RF801	Y	-	-	410	210	-	-	P-RNAV
DF	RF802	-	-	-	2500	-	-	-	P-RNAV
TF	RF812	-	273°	-	3000	-	-	-	P-RNAV
TF	ERNEN	-	289°	-	4000	-	-	-	P-RNAV

**Procedure alternate.**

Se impossibilitati ad effettuare la procedura di cui sopra, avvisare la TWR in fase di richiesta di messa in moto per seguire la procedura alternata.

**SOSAK 5D**

Dopo il decollo mantenere prua pista fino a 1NM OST DME (MCA 410 ft) quindi virare a destra su TR 359° fino al punto RDL 348/4NM OST VOR/DME quindi virare a sinistra per intercettare RDL 217 OST VOR per il punto SOSAK.

**Alternate procedures.**

If unable to comply with above procedure, advise TWR when requesting start up clearance in order to carry out alternate procedure.

**SOSAK 5D**

After take-off maintain RWY heading up to 1 NM OST DME (MCA 410 ft) then turn right on TR 359° until point RDL 348/4NM OST VOR/DME then turn left to join RDL 217 OST VOR bound to SOSAK.

MCA: 1NM OST DME 410FT; RDL/QDR 384/4NM OST NDB-VOR/DME 1500FT; INT RDL/QDR 308 OST VOR/NDB 3500FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	Conventional/P-RNAV
DF	RF801	Y	-	-	410	210	-	-	Conventional/P-RNAV
DF	RF803	Y	-	-	1500	220	-	-	Conventional/P-RNAV
DF	RF813	-	-	-	3500	-	-	-	Conventional/P-RNAV
DF	RF703	-	172°	-	-	-	-	-	Conventional/P-RNAV
TF	SOSAK	-	217°	-	-	-	-	-	Conventional/P-RNAV

**EKLOS 5D**

Dopo il decollo procedere via RF801 – RF803 – RF813 - RF703 – EKLOS.

**EKLOS 5D**

After take-off proceed via RF801 – RF803 – RF813 - RF703 - EKLOS.

MCA: RF801 410FT; RF803 1500FT; RF813 3500FT; RF703 6000FT; EKLOS FL80

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	P-RNAV
DF	RF801	Y	-	-	410	210	-	-	P-RNAV
DF	RF803	Y	-	-	1500	220	-	-	P-RNAV
DF	RF813	-	-	-	3500	-	-	-	P-RNAV
DF	RF703	-	172°	-	6000	-	-	-	P-RNAV
TF	EKLOS	-	138°	-	FL80	-	-	-	P-RNAV

**RAVAL 5D**

Dopo il decollo mantenere prua pista fino a 1NM OST DME (MCA 410 ft) quindi virare a destra su rotta 359° fino al punto RDL 348/4NM OST VOR/DME) quindi virare a sinistra per intercettare e seguire RDL 268 OST VOR per il punto RAVAL.

**RAVAL 5D**

After take-off maintain RWY heading up to 1 NM OST DME (MCA 410 ft) then turn right on track 359° until point RDL 348/4NM OST VOR/DME then turn left then turn right to join and follow RDL 268 OST VOR bound to RAVAL.

MCA: RF801 410FT; RF803 1500FT; RF816 3000FT; RAVAL 4000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	Conventional/P-RNAV
DF	RF801	Y	-	-	410	-	-	-	Conventional/P-RNAV
DF	RF803	Y	-	-	1500	220	-	-	Conventional/P-RNAV
DF	RF816	-	-	-	3000	-	-	-	Conventional/P-RNAV
TF	RF814	-	238°	-	-	-	-	-	Conventional/P-RNAV
TF	RAVAL	-	268°	-	4000	-	-	-	Conventional/P-RNAV

**RAVDU 5D**

Dopo il decollo mantenere prua pista fino a 1NM OST DME (MCA 410 ft) quindi virare a destra su rotta 359° fino al punto RDL 348/4NM OST VOR/DME quindi virare a sinistra per RDL 289 OST VOR per il punto RAVDU.

**RAVDU 5D**

After take-off maintain RWY heading up to 1 NM OST DME (MCA 410 ft) then turn right on track 359° until point RDL 348/4NM OST VOR/DME then turn left to join RDL 289 OST VOR bound to RAVDU.

MCA: RF801 410FT; RF803 1500FT; RF817 3000FT; RAVDU 4000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	410	-	-	-	Conventional/P-RNAV
DF	RF801	Y	-	-	410	210	-	-	Conventional/P-RNAV
DF	RF803	Y	-	-	1500	220	-	-	Conventional/P-RNAV
DF	RF817	-	-	-	3000	-	-	-	Conventional/P-RNAV
TF	ERNEN	-	260°	-	-	-	-	-	Conventional/P-RNAV
TF	RAVDU	-	289°	-	4000	-	-	-	Conventional/P-RNAV

**RWY 34R**

Gradiente minimo di salita richiesto per ragioni ATC: 425 ft/NM (7%) fino a 3000 ft. I piloti non in grado di mantenere tale gradiente, dovranno avvisare appena possibile l'ATC e chiedere una modifica all'autorizzazione ricevuta e/o l'uso di una pista alternativa per il decollo.

**SOSAK 5X**

Dopo il decollo procedere su TR 341° (QDR161°/341° FN L). A 9NM OST DME virare a sinistra per RDL 217 OST VOR per il punto SOSAK.

**RWY 34R**

Minimum climb gradient required for ATC reasons: 425 ft/NM (7%) until 3000 ft. Pilots unable to comply with this gradient shall advise ATC as soon as possible and require an amended clearance and/or a suitable RWY for take-off.

**SOSAK 5X**

After take-off proceed on TR 341° (QDR161°/341° FN L). At 9NM OST DME turn left to join RDL 217 OST VOR bound to SOSAK.

MCA: 9NM OST DME 2500FT; INT RDL/QDR 341 OST VOR/NDB 3000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	413	-	-	-	Conventional/ P-RNAV
DF	RF804	-	341°	-	-	-	-	-	Conventional/ P-RNAV
CF	RF809	Y	341°	-	2500	230	FN L	QDR 341° - D2.7	Conventional/ P-RNAV
DF	RF811	-	-	-	3000	-	-	-	Conventional/ P-RNAV
TF	RF703	-	168°	-	-	-	-	-	Conventional/ P-RNAV
TF	SOSAK	-	217°	-	-	-	-	-	Conventional/ P-RNAV

**EKLOS 5X**

Dopo il decollo procedere via RF804 – RF809 – RF811 - RF703 – EKLOS.

**EKLOS 5X**

After take-off proceed via RF804 – RF809 – RF811 - RF703 – EKLOS.

MCA: RF809, 2500FT; RF811, 3000FT; RF703 6000FT; EKLOS FL80

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	413	-	-	-	P-RNAV
DF	RF804	-	341°	-	-	-	-	-	P-RNAV
CF	RF809	Y	341°	-	2500	230	FN L	QDR 341° - D2.7	P-RNAV
DF	RF811	-	-	-	3000	-	-	-	P-RNAV
TF	RF703	-	168°	-	6000	-	-	-	P-RNAV
TF	EKLOS	-	138°	-	FL80	-	-	-	P-RNAV

**RAVAL 5X**

Dopo il decollo procedere su TR 341° (QDR161°/341° FN L).  
A 9NM OST DME virare a sinistra per RDL 268 OST VOR  
per il punto RAVAL.

**RAVAL 5X**

After take-off proceed on TR 341° (QDR161°/341° FN L). At  
9NM OST DME turn left then turn right to join RDL 268 OST  
VOR bound to RAVAL.

MCA: 9NM OST DME 2500FT; INT RDL/QDR 341 OST VOR/NDB 3000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	413	-	-	-	Conventional/ P-RNAV
DF	RF804	-	341°	-	-	-	-	-	Conventional/ P-RNAV
CF	RF809	Y	341°	-	2500	240	FN L	QDR 341° - D2.7	Conventional/ P-RNAV
DF	RF818	-	-	-	3000	-	-	-	Conventional/ P-RNAV
TF	RAVAL	-	237°	-	-	-	-	-	Conventional/ P-RNAV

**RAVDU 5X**

Dopo il decollo procedere su TR 341° (QDR161°/341° FN L).  
A 9NM OST DME virare a sinistra per RDL 289 OST VOR  
per il punto RAVDU.

**RAVDU 5X**

After take-off proceed on TR 341° (QDR161°/341° FN L). At  
9NM OST DME turn left to join RDL 289 OST VOR bound to  
RAVDU.

MCA: 9NM OST DME 2500FT; RAVDU 4000FT

Path Terminator	Waypoint Name	Fly Over	Track °Mag	Turn Direction	MCA/MCL	Speed Limit (IAS)	Recommended Navaid	Bearing/Range to Navaid	Navigation Performance
CA	-	-	341°	-	413	-	-	-	Conventional/ P-RNAV
DF	RF804	-	341°	-	-	-	-	-	Conventional/ P-RNAV
CF	RF809	Y	341°	-	2500	220	FN L	QDR 341° - D2.7	Conventional/ P-RNAV
DF	RF819	-	-	-	3000	-	-	-	Conventional/ P-RNAV
TF	RAVDU	-	260°	-	4000	-	-	-	Conventional/ P-RNAV

Waypoint	Latitude	Longitude
RF801	N41490442	E012133133
RF802	N41505235	E012081312
RF803	N41521047	E012131920
RF804	N41543851	E012140461
RF809	N41571130	E012125940
RF811	N41550001	E012053304
RF812	N41510883	E012041730
RF813	N41511200	E012071238
RF814	N41481275	E011553316
RF816	N41530881	E012065543
RF817	N41535850	E012071682
RF818	N41572006	E012040568
RF819	N41581868	E012060456
RF703	N41424737	E012082844