

ROMA FIUMICINO STAR RNAV 1

RWY 34 L/R

ELKAP 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	ELKAP	-	-	-	-	-	-	-270	RNAV1
TF	BIBEK	-	119 (121.8)	-	31.8	-	+FL 190	-	RNAV1
TF	GOPOL	-	096 (098.6)	-	14.9	-	-FL210 +FL190	-250	RNAV1
TF	NANUX	-	133 (136.4)	-	22.3	-	+FL90	-	RNAV1
TF	ESATU	-	112 (115.4)	-	20.6	-	-	-230	RNAV1
TF	BUNUL	-	159 (162.7)	-	9.0	-	-	-220	RNAV1
TF	NIBUG	-	159 (162.7)	-	10.7	-	-FL90 +6000FT	-220	RNAV1
TF	RF481	-	159 (162.8)	-	5.0	-	-	-220	RNAV1
TF	RF482	-	159 (162.9)	-	5.0	-	-	-220	RNAV1
TF	RF483	-	159 (162.7)	-	5.0	-	-	-220	RNAV1
TF	RF484	-	249 (252.8)	-	3.0	R	-	-220	RNAV1
TF	RF486	-	249 (252.8)	-	3.0	-	+5500FT (1)	-210	RNAV1
TF	RF487	-	339 (342.7)	-	5.0	R	+4500FT (1)	-210	RNAV1
TF	ODULA	-	339 (342.7)	-	3.8	-	+3500FT	AT 200	RNAV1

ESINO 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	ESINO	-	-	-	-	-	-FL110	-230	RNAV1
TF	RONIV	-	085 (087.7)	-	11.1	-	-	-220	RNAV1
TF	ANAXA	-	069 (072.5)	-	8.7	-	-6000FT +5000FT	-220	RNAV1
TF	RF461	-	159 (162.6)	-	5.0	R	+5000FT (1)	-220	RNAV1
TF	RF462	-	159 (162.6)	-	5.0	-	+5000FT (2)	-220	RNAV1
TF	RF463	-	069 (072.7)	-	6.0	L	+4500FT (2)	-210	RNAV1
TF	RF466	-	339 (342.7)	-	5.0	L	4500FT STEADY (1)	-210	RNAV1
TF	RF467	-	339 (342.7)	-	5.0	-	+3500FT (1)	-210	RNAV1
TF	NEVUX	-	339 (342.7)	-	4.0	-	+2500FT	AT 200	RNAV1

GILIO 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	GILIO	-	-	-	-	-	-	-250	RNAV1
TF	BIBEK	-	070 (072.8)	-	15.1	-	-	-	RNAV1
TF	GOPOL	-	096 (098.6)	-	14.9	-	-FL210 +FL190	-	RNAV1
TF	NANUX	-	133 (136.4)	-	22.3	-	+FL90	-	RNAV1
TF	ESATU	-	112 (115.4)	-	20.6	-	-	-230	RNAV1
TF	BUNUL	-	159 (162.7)	-	9.0	-	-	-220	RNAV1
TF	NIBUG	-	159 (162.7)	-	10.7	-	-FL90 +6000FT	-220	RNAV1
TF	RF481	-	159 (162.8)	-	5.0	-	-	-220	RNAV1
TF	RF482	-	159 (162.9)	-	5.0	-	-	-220	RNAV1
TF	RF483	-	159 (162.7)	-	5.0	-	-	-220	RNAV1
TF	RF484	-	249 (252.8)	-	3.0	R	-	-220	RNAV1
TF	RF486	-	249 (252.8)	-	3.0	-	+5500FT (1)	-210	RNAV1
TF	RF487	-	339 (342.7)	-	5.0	R	+4500FT (1)	-210	RNAV1
TF	ODULA	-	339 (342.7)	-	3.8	-	+3500FT	AT 200	RNAV1

LAT 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	LAT	-	-	-	-	-	-FL120	-230	RNAV1
TF	IPSAR	-	287 (290.4)	-	7.3	-	-	-	RNAV1
TF	BASBU	-	340 (343.0)	-	9.0	-	-	-220	RNAV1
TF	NIBUG	-	250 (252.9)	-	11.0	L	-FL90 +6000FT	-220	RNAV1
TF	RF481	-	159 (162.8)	-	5.0	L	-	-220	RNAV1
TF	RF482	-	159 (162.9)	-	5.0	-	-	-220	RNAV1
TF	RF483	-	159 (162.7)	-	5.0	-	-	-220	RNAV1
TF	RF484	-	249 (252.8)	-	3.0	R	-	-220	RNAV1
TF	RF486	-	249 (252.8)	-	3.0	-	+5500FT (1)	-210	RNAV1
TF	RF487	-	339 (342.7)	-	5.0	R	+4500FT (1)	-210	RNAV1
TF	ODULA	-	339 (342.7)	-	3.8	-	+3500FT	AT 200	RNAV1

MOPUV 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	MOPUV	-	-	-	-	-	-	-250	RNAV1
TF	DESUK	-	236 239.3	-	7.6	-	+FL 130	-	RNAV1
TF	LAT	-	196 (199.8)	-	28.9	-	-FL 120	-230	RNAV1
TF	IPSAR	-	287 (290.4)	-	7.3	-	-	-	RNAV1
TF	BASBU	-	340 (343.0)	-	9.0	-	-	-220	RNAV1
TF	NIBUG	-	250 (252.9)	-	11.0	L	-FL90 +6000FT	-220	RNAV1
TF	RF481	-	159 (162.8)	-	5.0	L	-	-220	RNAV1
TF	RF482	-	159 (162.9)	-	5.0	-	-	-220	RNAV1
TF	RF483	-	159 (162.7)	-	5.0	-	-	-220	RNAV1
TF	RF484	-	249 (252.8)	-	3.0	R	-	-220	RNAV1
TF	RF486	-	249 (252.8)	-	3.0	-	+5500FT (1)	-210	RNAV1
TF	RF487	-	339 (342.7)	-	5.0	R	+4500FT (1)	-210	RNAV1
TF	ODULA	-	339 (342.7)	-	3.8	-	+3500FT	AT 200	RNAV1

RITEB 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	RITEB	-	-	-	-	-	-FL210 +FL170	-250	RNAV1
TF	RAVUX	-	146 (149.4)	-	15.5	-	FL 90	-	RNAV1
TF	LIGBU	-	146 (149.5)	-	8.0	-	-	-	RNAV1
TF	ESATU	-	187 (190.0)	-	22.9	-	6000FT	-230	RNAV1
TF	BUNUL	-	159 (162.7)	-	9.0	-	-	-220	RNAV1
TF	NIBUG	-	159 (162.7)	-	10.7	-	-FL90 +6000FT	-220	RNAV1
TF	RF481	-	159 (162.8)	-	5.0	-	-	-220	RNAV1
TF	RF482	-	159 (162.9)	-	5.0	-	-	-220	RNAV1
TF	RF483	-	159 (162.7)	-	5.0	-	-	-220	RNAV1
TF	RF484	-	249 (252.8)	-	3.0	R	-	-220	RNAV1
TF	RF486	-	249 (252.8)	-	3.0	-	+5500FT (1)	-210	RNAV1
TF	RF487	-	339 (342.7)	-	5.0	R	+4500FT (1)	-210	RNAV1
TF	ODULA	-	339 (342.7)	-	3.8	-	+3500FT	AT 200	RNAV1

VALMA 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	VALMA	-	-	-	-	-	-FL150	-270	RNAV1
TF	ASKUV	-	078 (081.4)	-	23.3	-	-	-230	RNAV1
TF	RONIV	-	159 (161.7)	-	15.3	-	-	-220	RNAV1
TF	ANAXA	-	069 (072.5)	-	8.7	L	-6000FT +5000FT	-220	RNAV1
TF	RF461	-	159 (162.6)	-	5.0	R	+5000FT (1)	-220	RNAV1
TF	RF462	-	159 (162.6)	-	5.0	-	+5000FT (2)	-220	RNAV1
TF	RF463	-	069 (072.7)	-	6.0	L	+4500FT (2)	-210	RNAV1
TF	RF466	-	339 (342.7)	-	5.0	L	4500FT STEADY (1)	-210	RNAV1
TF	RF467	-	339 (342.7)	-	5.0	-	+3500FT (1)	-210	RNAV1
TF	NEVUX	-	339 (342.7)	-	4.0	-	+2500FT	AT 200	RNAV1

XIBIL 3C

Path Terminator	Waypoint Name	Fly Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (Kt)	Navigation Specification
IF	XIBIL	-	-	-	-	-	-	-270	RNAV1
TF	IPILEK	-	119 (122.6)	-	28.0	-	FL 190	-	RNAV1
TF	GOPOL	-	158 (160.8)	-	8.9	-	-FL210 +FL190	-250	RNAV1
TF	NANUX	-	133 (136.4)	-	22.3	-	+FL90	-	RNAV1
TF	ESATU	-	112 (115.4)	-	20.6	-	-	-230	RNAV1
TF	BUNUL	-	159 (162.7)	-	9.0	-	-	-220	RNAV1
TF	NIBUG	-	159 (162.7)	-	10.7	-	-FL90 +6000FT	-220	RNAV1
TF	RF481	-	159 (162.8)	-	5.0	-	-	-220	RNAV1
TF	RF482	-	159 (162.9)	-	5.0	-	-	-220	RNAV1
TF	RF483	-	159 (162.7)	-	5.0	-	-	-220	RNAV1
TF	RF484	-	249 (252.8)	-	3.0	R	-	-220	RNAV1
TF	RF486	-	249 (252.8)	-	3.0	-	+5500FT (1)	-210	RNAV1
TF	RF487	-	339 (342.7)	-	5.0	R	+4500FT (1)	-210	RNAV1
TF	ODULA	-	339 (342.7)	-	3.8	-	+3500FT	AT 200	RNAV1

REMARKS

(1) MEA 2500FT ATC Discretion

(2) MEA 3500FT ATC Discretion

HOLDING RNAV 1

Path Terminator	Waypoint Identifier	Inbound Course °M (°T)	Leg Distance (NM) (1)	Timing(min.)/ Waypoint Distance (NM) (2)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FL)	Speed Limit (kt)	Magnetic Variation (°)	Navigation Specification
HM	ANAXA	069 (072.0)	4	-/5.5	R	5000	-	-210	3	RNAV1
HM	DE Suk	236 (239.0)	6	-/8.2	R	FL130	-	-230	3	RNAV1
HM	ELKAP	090 (093.0)	8	-/10.8	R	FL190	-	-240	3	RNAV1
HM	ESATU	159 (162.0)	4	-/5.5	L	6000	-	-230	3	RNAV1
HM	ESINO	035 (038.0)	4	-/5.5	R	6000	-	-230	3	RNAV1
HM	GO POL	096 (099.0)	5	-/7	R	6000	-	-230	3	RNAV1
HM	LAT	267 (270.0)	5	-/7	R	FL90	-	-230	3	RNAV1
HM	NEVUX	339 (342.0)	4	-/5.5	L	2500	-	-200	3	RNAV1
HM	NIBUG	250 (253.0)	4	-/5.5	L	6000	-	-210	3	RNAV1
HM	ODULA	339 (342.0)	4	-/5.5	R	2500	-	-200	3	RNAV1
HM	RAVUX	146 (149.0)	5	-/7	R	FL100	-	-230	3	RNAV1
HM	RITEB	161 (164.0)	5	-/7	R	FL110	-	-220	3	RNAV1
HM	VALMA	066 (069.0)	4	-/5.5	L	6000	-	-230	3	RNAV1
HM	XIBIL (ATC DISCRETION)	120 (123.0)	8	-/10.8	L	FL190	-	-240	3	RNAV1

(1) RNAV system with holding functionality

(2) RNAV system without holding functionality

WAYPOINT LIST

Waypoint Identifier	Coordinates
RF461	41°21'21.1"N 012°15'23.1"E
RF462	41°16'34.7"N 012°17'21.8"E
RF463	41°18'21.8"N 012°24'57.7"E
RF466	41°23'08.4"N 012°22'59.4"E
RF467	41°27'54.9"N 012°21'00.8"E
RF481	41°35'35.1"N 012°30'23.3"E
RF482	41°30'46.4"N 012°32'21.5"E
RF483	41°26'01.6"N 012°34'19.3"E
RF484	41°25'08.4"N 012°30'30.7"E
RF486	41°24'15.1"N 012°26'42.3"E
RF487	41°29'01.7"N 012°24'43.9"E