

## Tuto 4 :

Open / Check and visualize an ATC route on a map.

You want to open this ATC route...

```
LFPG/26R F330 BUBLI2B BUBLI UG42 LUVAL UM164 EPL UN491 DEGES  
UN871 MADEB UN606 ELMEM UL607 GEDSO DCT DIMLO DCT INVED M747  
VEVIN L601 DINRO N743 UDROS/F350 UM859 KARDE UN644  
ROLIN/F350 N644 LAGAS M747 SUBUT T923 ERLEV M11 RODAR/F350  
A909 LEMOD/F370 N644 PAVLO/F370 N644 DI M875 JHANG A466  
SAMAR/F370 A466 IGINO SAM6F VIDP/29
```

You open the ATC route module:

Map D.O.F Fixes MTCA Manual Coding Co-Routes / Catalog **ATC Route** Queries Help File

And you paste the route in the text field :

Company Routes

LFPG/26R F330 BUBLI2B BUBLI UG42 LUVAL UM164 EPL UN491 DEGES UN871  
MADEB UN606 ELMEM UL607 GEDSO DCT DIMLO DCT INVED M747 VEVIN L601  
DINRO N743 UDROS/F350 UM859 KARDE UN644 ROLIN/F350 N644 LAGAS M747

Airports legs  Show airways  LID  PFP  Contain Arinc coordinates  Ends with no APT

Route Airway Type of Fix



Press on "load" button and the route will be shown

Company Routes

LFPG.BUBLI.UG42.LUVAL.UM164.EPL.UN491.DEGES.UN871.MADEB.UN606.ELME M.UL607.GEDSO.DIMLO.INVED.M747.VEVIN.L601.DINRO.N743.UDROS.UM859.KA RDE.UN644.ROLIN.N644.LAGAS.M747.SUBUT.T923.ERLEV.M11.RODAR.A909.LE

**Load** Details  

Airports legs  Show airways  Contain Arinc coordinates  Ends with no APT

Route	Airway	Ind	Type of Fix
INT		LFPG	Airport
DIR		BUBLI	Waypoint
AWY	UG42	LUVAL	Waypoint
AWY	UM164	EPL	Navaid VHF
AWY	UN491	DEGES	Waypoint
AWY	UN871	MADEB	Waypoint
AWY	UN606	ELMEM	Waypoint
AWY	UL607	GEDSO	Waypoint
DIR		DIMLO	Waypoint
DIR		INVED	Waypoint
AWY	M747	VEVIN	Waypoint
AWY	L601	DINRO	Waypoint
AWY	N743	UDROS	Waypoint
AWY	UM859	KARDE	Waypoint
AWY	UN644	ROLIN	Waypoint
AWY	N644	LAGAS	Waypoint
AWY	M747	SUBUT	Waypoint
AWY	T923	ERLEV	Waypoint
AWY	M11	RODAR	Waypoint
AWY	A909	LEMOD	Waypoint
AWY	N644	PAVLO	Waypoint
AWY	N644	DI	Navaid NDB
AWY	M875	JHANG	Waypoint
AWY	A466	SAMAR	Waypoint
AWY	A466	IGINO	Waypoint
AWY	SAM6F	VIDP	



Press on "Details" and it will be analyzed, leg per leg...

Company Routes

LFPG.BUBLI.UG42.LUVAL.UM164.EPL.UN491.DEGES.UN871.MADEB.UN606.ELME M.UL607.GEDSO.DIMLO.INVED.M747.VEVIN.L601.DINRO.N743.UDROS.UM859.KA RDE.UN644.ROLIN.N644.LAGAS.M747.SUBUT.T923.ERLEV.M11.RODAR.A909.LE

**Load** **Details**  

Airports legs  Show airways  Contain Arinc coordinates  Ends with no APT

CDGDEL 3586.8 Nm.  Cycle: 1712 ERA 3%

Road sheet Excel Export Route

Route	Airway	Ind	Type of Fix
INT		LFPG	Airport
DIR		BUBLI	Waypoint
AWY	UG42	LUVAL	Waypoint
AWY	UM164	EPL	Navaid VHF
AWY	UN491	DEGES	Waypoint
AWY	UN871	MADEB	Waypoint
AWY	UN606	ELMEM	Waypoint
AWY	UL607	GEDSO	Waypoint
DIR		DIMLO	Waypoint
DIR		INVED	Waypoint
AWY	M747	VEVIN	Waypoint
AWY	L601	DINRO	Waypoint
AWY	N743	UDROS	Waypoint
AWY	UM859	KARDE	Waypoint
AWY	UN644	ROLIN	Waypoint
AWY	N644	LAGAS	Waypoint
AWY	M747	SUBUT	Waypoint
AWY	T923	ERLEV	Waypoint
AWY	M11	RODAR	Waypoint
AWY	A909	LEMOD	Waypoint
AWY	N644	PAVLO	Waypoint
AWY	N644	DI	Navaid NDB
AWY	M875	JHANG	Waypoint
AWY	A466	SAMAR	Waypoint
AWY	A466	IGINO	Waypoint
AWY	SAM6F	VIDP	

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Wpt BUBLI (LF) ----- France -----
049 Nm 126°T Wpt LUVAL (LF)049Nm
026 Nm 087°T Wpt LANVI (LF)075Nm
011 Nm 088°T VHF EPL (LF)086Nm
027 Nm 111°T Wpt LASAT (LF)112Nm
039 Nm 112°T Wpt BEGAR (LF)152Nm
----- Germany - Civil -----
021 Nm 111°T Wpt LENGI (ED)178Nm
----- Switzerland -----
016 Nm 110°T VHF TRA (LS)189Nm
017 Nm 111°T VHF ZUE (LS)206Nm
019 Nm 124°T Wpt DEGES (LS)224Nm
018 Nm 091°T Wpt GAMS A (LS)242Nm
----- Germany - Civil -----
026 Nm 101°T Wpt MADEB (ED)269Nm
----- Austria -----
012 Nm 101°T Wpt ELMEM (LO)281Nm
055 Nm 103°T Wpt GEDSO (LO)335Nm
----- Slovenia -----
189 Nm 056°T Wpt DIMLO (LJ)524Nm
----- Hungary -----
168 Nm 099°T Wpt INVED (LH)692Nm
----- Romania -----
041 Nm 112°T Wpt GITMU (LR)738Nm
058 Nm 113°T Wpt NEKUL (LR)752Nm
016 Nm 104°T Wpt AGNEP (LR)808Nm
033 Nm 104°T Wpt NERDI (LR)840Nm
053 Nm 105°T Wpt ENIMA (LR)893Nm
019 Nm 106°T Wpt SOKRU (LR)912Nm
019 Nm 106°T Wpt BALBI (LR)931Nm
040 Nm 106°T Wpt VEVIN (LR)971Nm
----- Bulgaria -----
  
```



(at this step you can export the route in excel or show in a different format)

#	A	B	C	D	E	F	G	H	I
1	Fix	Ident	Region	Distance	True Heading	Longitude	Latitude		
2	Wpt	BUBLI	LF	---	4.15	48.7716666666667			
3	Wpt	LUVAL	LF	49,24 125,3T	5.15361111111111	48.2938888888889			
4	Wpt	LANVI	LF	25,8 087,4T	5.79722222222222	48.3116666666667			
5	VHF	EPL	LF	10,51 087,9T	6.05941666666667	48.3178333333333			
6	Wpt	LASAT	LF	26,81 110,6T	6.68413888888889	48.1589444444444			
7	Wpt	BEGAR	LF	39,21 112,2T	7.58333333333333	47.9083333333333			
8	Wpt	LENGI	ED	21,4 111,1T	8.07984444444444	47.7791666666667			
9	VHF	TRA	LS	15,54 110,1T	8.43897222222222	47.6895			
10	VHF	ZUE	LS	16,51 110,6T	8.81766666666667	47.5921666666667			
11	Wpt	DEGES	LS	18,99 124,5T	9.20194444444444	47.4125			
12	Wpt	GAMSA	LS	18,34 090,6T	9.65191111111111	47.4084527777778			
13	Wpt	MADEB	ED	26,46 100,8T	10.2888861111111	47.324375			
14	Wpt	ELMEM	LO	11,74 101,3T	10.5707388888889	47.2856333333333			
15	Wpt	GEDSO	LO	54,59 102,6T	11.8702777777778	47.0805555555556			
16	Wpt	DIMLO	LJ	188,85 095,6T	16.4227222222222	46.6834888888889			
17	Wpt	INVED	LH	168,12 099,4T	20.4013888888889	46.1577777777778			
18	Wpt	GITMU	LR	41,26 112,0T	21.3144444444444	45.8899444444444			
19	Wpt	NEKUL	LR	58,16 112,6T	22.5857994444444	45.5167944444444			
20	Wpt	AGNEP	LR	16,25 104,2T	22.9597222222222	45.45			
21	Wpt	NERDI	LR	32,5 104,4T	23.7031277777778	45.3126944444444			
22	Wpt	ENIMA	LR	52,78 104,9T	24.9025111111111	45.0795111111111			
23	Wpt	SOKRU	LR	18,93 105,8T	25.3302916666667	44.9928166666667			
24	Wpt	BALBI	LR	18,81 106,1T	25.7540305555556	44.9050944444444			
25	Wpt	VEVIN	LR	40,05 106,4T	26.6519444444444	44.7130555555556			
26	Wpt	DINRO	LB	111,15 122,4T	28.8083333333333	43.7			
27	Wpt	UDROS	LB	97,34 125,7T	30.5961111111111	42.7388888888889			
28	Wpt	BAMUP	LT	63,57 097,7T	32.0175	42.5875			
29	Wpt	ABKEV	LT	1,38 096,3T	32.0483333333333	42.5841666666667			

BUBLI N4846.3E00409.0 BUBLI N4846.3E00409.0 LUVAL N4817.6E00509.2 LUVAL N4817.6E00509.2 LANVI N4818.7E00547.8 EPL N4819.1E00603.6 EPL N4819.1E00603.6 LASAT N4809.5E00641.0 BEGAR N4754.5E00735.0 LENGI N4746.8E00804.6 TRA N4741.4E00826.2 ZUE N4735.5E00849.1 DEGES N4724.8E00912.1 DEGES N4724.8E00912.1 GAMSA N4724.5E00939.1 MADEB N4719.5E01017.3 MADEB N4719.5E01017.3 ELMEM N4717.1E01034.2 ELMEM N4717.1E01034.2 GEDSO N4704.8E01152.2 DIMLO N4641.0E01625.4 INVED N4609.5E02024.1 INVED

Full route   Simplified ATC   Full ATC   **WPT Coordinates**   OK

If an error is in the route, a small picture will shown

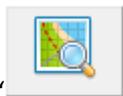
Here because I add a wrong direct to Coulommiers in the middle of the route, wich gives a zigzag and two legs of more than 700 nm !!

AWY	UL607	GEDSO	Waypoint
DIR		DIMLO	Waypoint
DIR		INVED	Waypoint
DIR		CLM	Navaid VHF
DIR		DINRO	Waypoint
AWY	N743	UDROS	Waypoint
AWY	UM859	KARDE	Waypoint
AWY	UN644	ROLIN	Waypoint
AWY	N644	LAGAS	Waypoint
AWY	M747	SUBUT	Waypoint
AWY	T923	ERLEV	Waypoint
AWY	M11	RODAR	Waypoint
AWY	A909	LEM0D	Waypoint
AWY	N644	PAVLO	Waypoint
AWY	N644	DI	Navaid NDB
AWY	M875	JHANG	Waypoint
AWY	A466	SAMAR	Waypoint
AWY	A466	IGINO	Waypoint
AWY	SAM6F	VIDP	Waypoint



016 Nm 110°T VHF TRA (LS) 189Nm
017 Nm 111°T VHF ZUE (LS) 206Nm
019 Nm 124°T Wpt DEGES (LS) 224Nm
018 Nm 091°T Wpt GAMSA (LS) 242Nm
----- Germany - Civil -----
026 Nm 101°T Wpt MADEB (ED) 269Nm
----- Austria -----
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055 Nm 103°T Wpt GEDSO (LO) 335Nm
----- Slovenia -----
189 Nm 096°T Wpt DIMLO (LJ) 524Nm
----- Hungary -----
168 Nm 099°T Wpt INVED (LH) 692Nm
----- France -----
724 Nm 289°T VHF CLM (LF) 1416Nm
----- Bulgaria -----
11 Nm 096°T Wpt DINRO (LB) 2527Nm
097 Nm 126°T Wpt UDROS (LB) 2624Nm
----- Turkey -----
064 Nm 098°T Wpt BAMUP (LT) 2688Nm
001 Nm 098°T Wpt ABKEV (LT) 2689Nm
049 Nm 099°T Wpt BIVVO (LT) 2738Nm
013 Nm 099°T Wpt VEPUM (LT) 2751Nm

After repairing my route...



You can press on “ ”

