Tuto 4 :

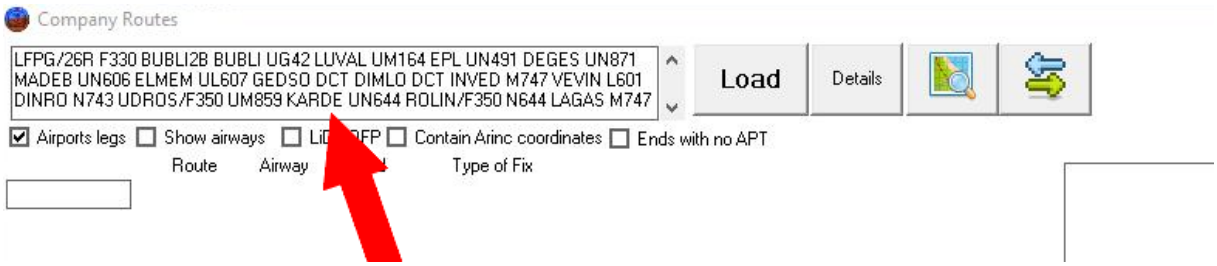
Open / Check and visualize an ATC route on a map.

You want to open this ATC route…

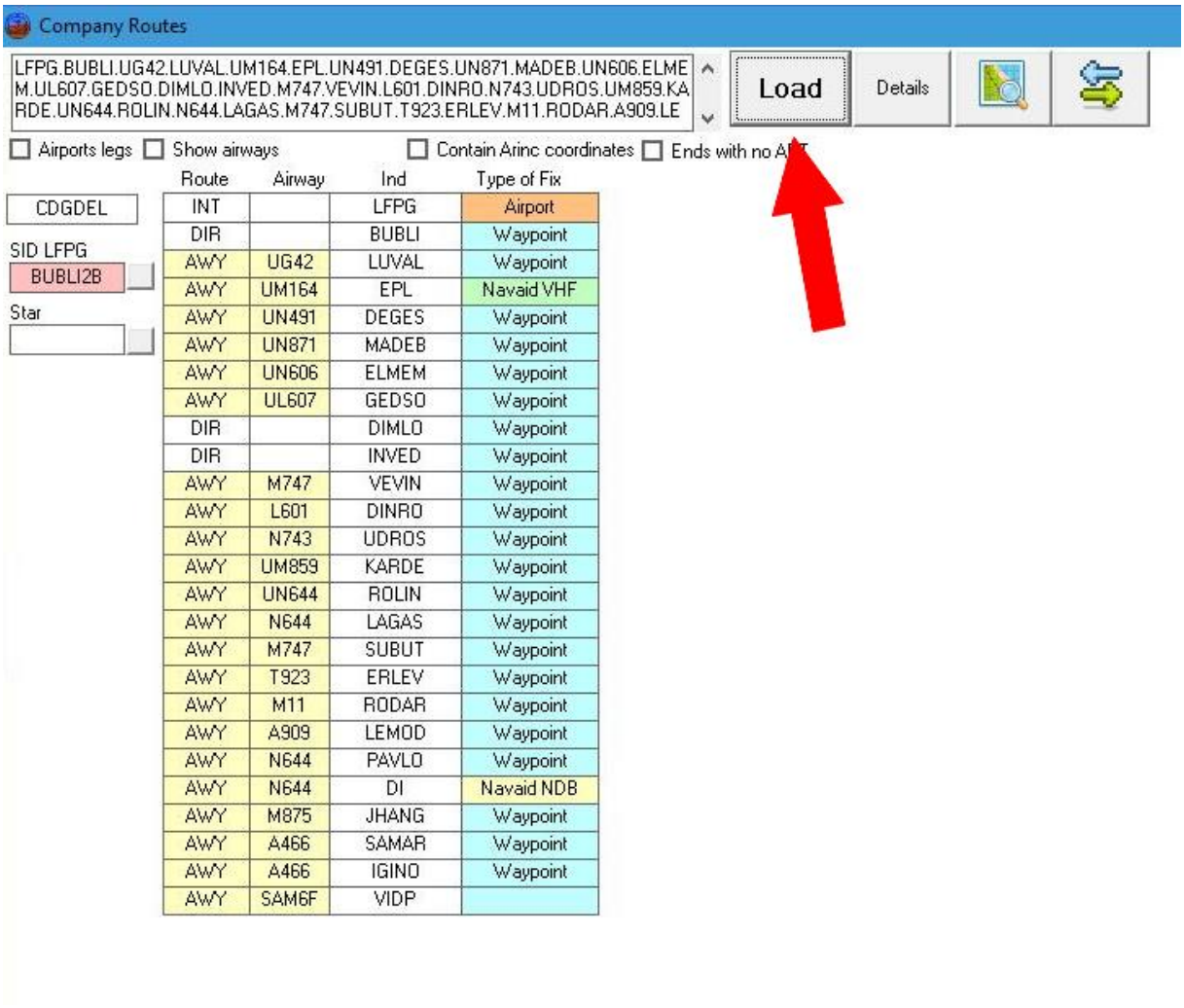
```
LFPG/26R F330 BUBLI2B BUBLI UG42 LUVAL UM164 EPL UN491 DEGES
UN871 MADEB UN606 ELMEM UL607 GEDSO DCT DIMLO DCT INVED M747
VEVIN L601 DINRO N743 UDROS/F350 UM859 KARDE UN644
ROLIN/F350 N644 LAGAS M747 SUBUT T923 ERLEV M11 RODAR/F350
A909 LEMOD/F370 N644 PAVLO/F370 N644 DI M875 JHANG A466
SAMAR/F370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

You open the ATC route module:

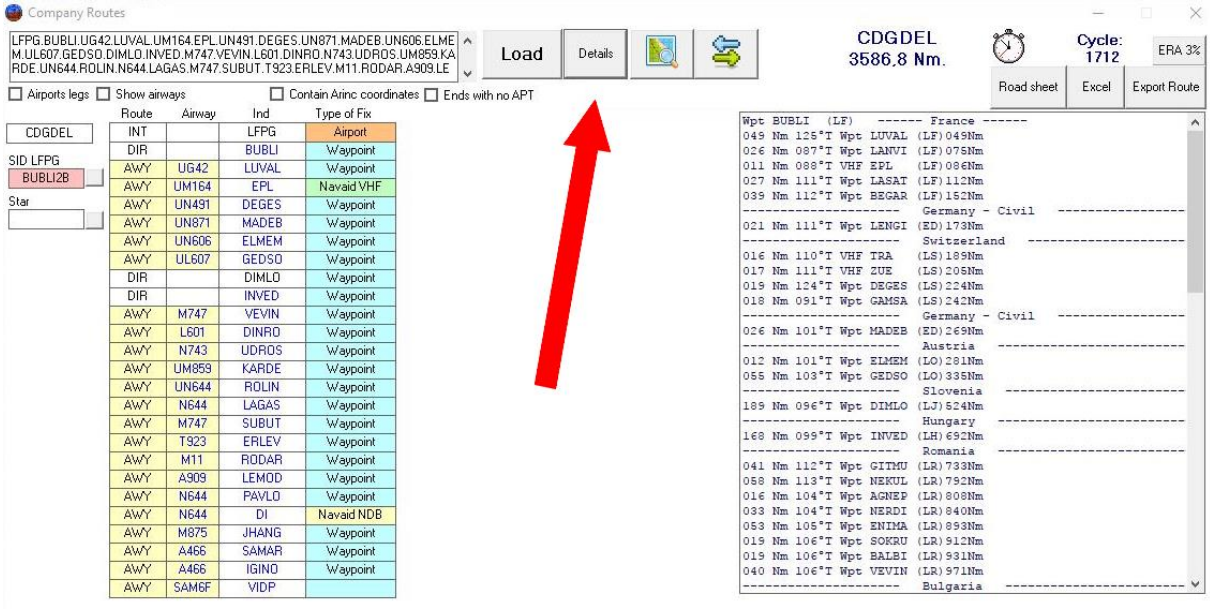
And you paste the route in the text field :



Press on “load” button and the route will be shown



Press on “Details” and it will be analyzed, leg per leg…



(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 Headin	Longitude	Latitude	
2	Wpt	BUBLI		LF	---	---	4.15	48.7716666666667	
3	Wpt	LUVAL		LF	49,24	125,3T	5.153611111	48.2938888888889	
4	Wpt	LANVI		LF	25,8	087,4T	5.797222222	48.3116666666667	
5	VHF	EPL		LF	10,51	087,9T	6.059416666	48.3178333333333	
6	Wpt	LASAT		LF	26,81	110,6T	6.684138888	48.1589444444444	
7	Wpt	BEGAR		LF	39,21	112,2T	7.583333333	47.9083333333333	
8	Wpt	LENGI		ED	21,4	111,1T	8.076944444	47.7791666666667	
9	VHF	TRA		LS	15,54	110,1T	8.436972222	47.6895	
10	VHF	ZUE		LS	16,51	110,6T	8.817666666	47.5921666666667	
11	Wpt	DEGES		LS	18,99	124,5T	9.201944444	47.4125	
12	Wpt	GAMSA		LS	18,34	090,6T	9.651911111	47.4084527777778	
13	Wpt	MADEB		ED	26,46	100,8T	10.28888611	47.324375	
14	Wpt	ELMEM		LO	11,74	101,3T	10.57073888	47.2856333333333	
15	Wpt	GEDSO		LO	54,59	102,6T	11.87027777	47.0805555555556	
16	Wpt	DIMLO		LJ	188,85	095,6T	16.42272222	46.6834888888889	
17	Wpt	INVED		LH	168,12	099,4T	20.40138888	46.1577777777778	
18	Wpt	GITMU		LR	41,26	112,0T	21.31444444	45.8969444444444	
19	Wpt	NEKUL		LR	58,16	112,6T	22.58676944	45.5167944444444	
20	Wpt	AGNEP		LR	16,25	104,2T	22.95972222	45.45	
21	Wpt	NERDI		LR	32,5	104,4T	23.70312777	45.3126944444444	
22	Wpt	ENIMA		LR	52,78	104,9T	24.90251111	45.0795111111111	
23	Wpt	SOKRU		LR	18,93	105,8T	25.33029166	44.9928166666667	
24	Wpt	BALBI		LR	18,81	106,1T	25.75403055	44.90509444444444	
25	Wpt	VEVIN		LR	40,05	106,4T	26.65194444	44.7130555555556	
26	Wpt	DINRO		LB	111,15	122,4T	28.80833333	43.7	
27	Wpt	UDROS		LB	97,34	125,7T	30.59611111	42.7388888888889	
28	Wpt	BAMUP		LT	63,57	097,7T	32.0175	42.5875	
29	Wpt	ABKEV		LT	1,38	098,3T	32.04833333	42.5841666666667	

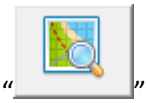
If an error is in the route, a small picture will shown

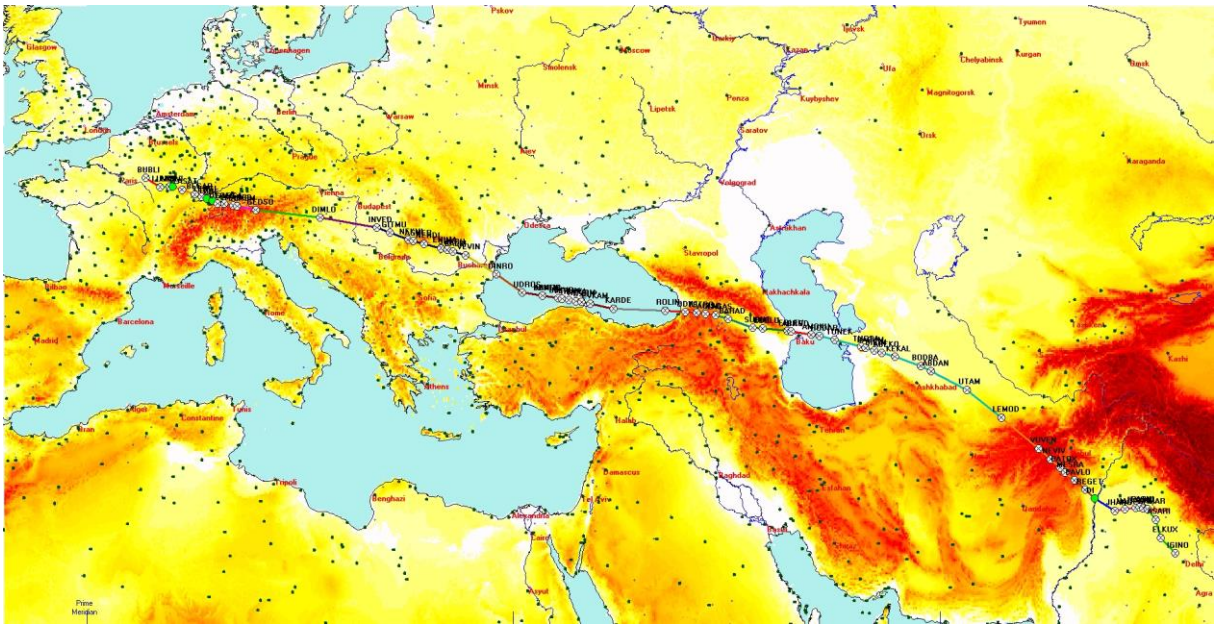
Here because I add a wrong direct to Coulommiers in the middle of the route, wich gives a zigzag and two legs of more than 700 nm !!

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	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	

```
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   --------
012 Nm 101°T Wpt ELMEM  (LO)281Nm
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 BIMVO  (LT)2738Nm
013 Nm 099°T Wpt VEPUM  (LT)2751Nm
```

After repairing my route…

You can press on “  ”


Pskov
Glasgow
Copenhagen
Moscow
Ipovsk
Tyumen
Chelyabinsk
Kurgan
Ufa
Minsk
Smolensk
Kazan
Magnitogorsk
Amsterdam
Berlin
Warsaw
Lipetsk
Penza
Kuybyshev
London
Hamburg
Saratov
Orsk
Prague
Kiev
Karaganda
BUBLI
Paris
Vienna
Volgograd
DIMLO
Budapest
INVED
Odessa
Astrakhan
Stavropol
Belgrade
Bucharest
DINRO
Sofia
KARDE
Makhachkala
Bilbao
Marseille
Rome
Barcelona
Madrid
Istanbul
Baku
KEKAL
BODRA
ABDAN
Kashi
Athens
Ashkhabad
UTAM
Algiers
Constantine
Tunis
Iran
Halab
LEMOD
Tehran
Damascus
Baghdad
Tripoli
Benghazi
Tel Aviv
Esfahan
Alexandria
Cairo
Shiraz
Asyut
ELKUX
IGINO
Delhi
Agra
Prime Meridian