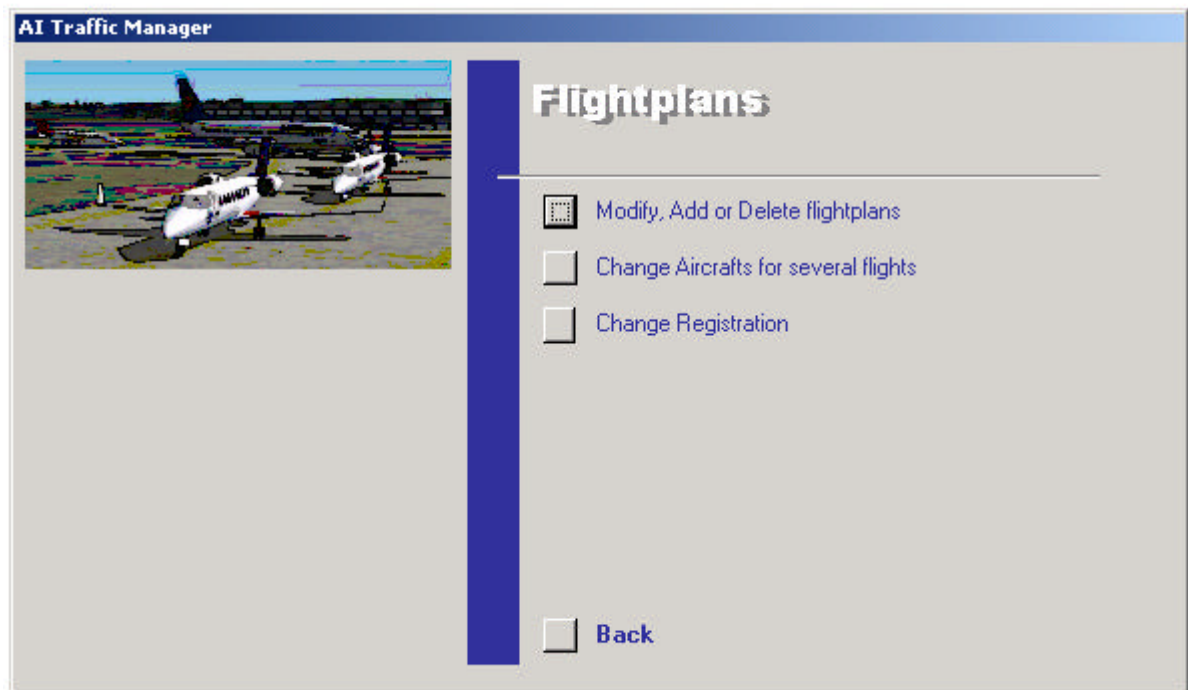


AI Traffic Manager 1.0

Requirements:

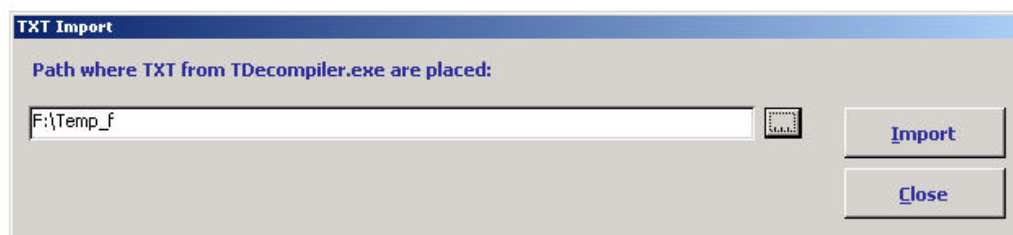
- MS ACCESS 2000.
- 'TCompiler.exe' and 'TDecompiler.exe' (by Lee Swordy)

Main-Menu:



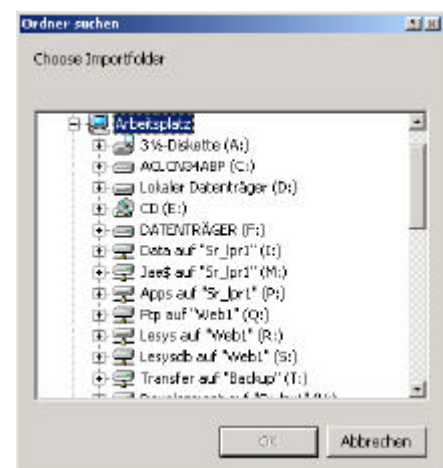
Import/Export

With this option you can import all the TXT files that are created by the decompiler utility made by Lee Swordy. Insert the whole path where the TXT files are saved.



To easy choose the folder press the button with '...'

On export, AI Traffic Manager will overwrite the old TXT files. So if you which to keep the old one, make a backup and copy it to an other directory.



Modify Flightplans

To modify flightplans the AI Traffic Manager knows two ways.

Modify, Add or Delete flightplans

Input here the Airport-Code and press Enter

The search an Airport-Code, goto to here

To calculate a flightplan for selected airport, press here.

Flightplan Manager interface showing a list of flightplans and a search bar. The search bar is labeled 'Input here the Airport-Code and press Enter'. The list of flightplans is labeled 'The search an Airport-Code, goto to here'. The 'New Flight' button is labeled 'To calculate a flightplan for selected airport, press here.'.

Flightinformation for selected flight will here show.

To edit a flightplan press 'Edit' or just make double-click to the plan in the list.

Search Airport-Code

This form will be started from different other forms. In the search-field insert any name that your are looking for. 'In field' All means, the program will look for search-string in Code, Country, Airport and City.

But you can search your entries only to one field.

Search Airport form showing a list of airports with columns: Code, Country, Airport, City, Lat, Lon. The search field is labeled 'Search'. The dropdown menu is labeled 'In field'. The table lists various airports in Algeria and Tunisia. The buttons at the bottom are 'Only AI Airports', 'All Airports', 'Take it', and 'Close'.

All listed airports with Lat and Lon definitions, can used with AI Traffic. If you wish to create traffic for an airport without Lat and Lon definitions, go to the aircraft form over the main-menu. Caution: AI Traffic will only work, if the airport has parking area, Lat, Lon and altitude information.

With 'Take it' will the selected airport copy and past to the form that you started the airport search.

Add or edit flightplans

Here in this form, you have to define all necessary information for a flight and its legs.

For more information about the flights information, have a look to the readme.doc that came with the compiler TTools10.

Some program dependence:

Aircraft:

First choose your desire aircraft. After this it shows you the cruise speed of this aircraft. This will be necessary to calculate the ETA.

IFR/VFR and Heading:

Depending the flight-rule and over or below FL290 and Heading, the both 'Flightlevel' dropdown-list will show other flightlevels suggestions.

Destinations:

After change the destination for leg1 or leg2 the distance, ETA, calc. ETA1 and calc. ETA2 will be recalculated.

If you not known the desired airport-code, choose the option 'Airport search'.

Edit flightplan

Flightinformation:

Aircraft

Cessna Skylane 182S Paint2

Cruise Speed

140

Distance:

681.9 NM

ETA:

5.1

Registration

N8552

Percent

87%

Interval

12Hr

Flight Rule

IFR

Leg1:

Departing1:

01:53:50

ETA1:

07:01:00

Flightlevel

100

F/R

F

Flightnumber

7770

Destitnation:

CYKZ

TORONTO BUTTENVILLE MUNI/Canada

Heading:

79 °

Airport search

Calc. ETA

07:03:50

Leg2:

Departing2:

07:53:44

ETA2:

13:00:55

Flightlevel

90

F/R

F

Flightnumber

7771

Destitnation:

CYHZ

HALIFAX INTL/Canada

Heading:

270 °

Airport search

Calc. ETA

13:03:44

Close

Change Aircraft on several countries or a continent

This form is very powerful to change the aircraft-type of hundreds or thousands flight with one click.

First define the geographical criteria in the search field. It depends of the second dropdown-list if your criteria will apply to continent, country or airport-code. Press Enter to execute your query. If the list will still be blank, try to use just a part of a word as a criteria.

After this may you make the list much smaller due define a criteria for aircraft's.

For example:

You want to change all MD-83 (Delta, Continental or Soar) on your home airport 'KDCA'.

Define in the first search-field: KDCA

Choose in the dropdown-list: Code

In the Aircraft-field you put: MD-83

After Enter it shows you all flights with this criteria (if any).

Now you can select all Aircraft that should be exchanged to that on the list. It is very important, that only aircraft are selected, that can fly the plans in the list. So do not change all Piper flightplans to B737. The plans will not work, because normally such airport has no parking places for B737....

With CTRL you can select every aircraft in the list-field.

May your selection content 100 plans. You select four aircraft in the list below. With a click to the button 'Change all in List' will every aircraft changed that are listed above. That means, each of this four aircraft will appear on 25 flightplans.

Aircraft	REG	Dep1	ETA1	F ID1	Code1	Dest1	Conti	Dep2	Code2	Dest2
A320 Aero Lloyd	N39826	04:57:10	07:27:06	3957	LIRN	CAPOTICCHINO	Europe	10:57:15	HGT	GHAT
A320 Aero Lloyd	N83088	01:57:18	03:47:02	8225	LEVC	VALENCIA	Europe	07:37:23	LSG	GROTTAGLIE
A320 Aero Lloyd	N19052	08:10:54	02:41:17	2324	LVDV	VALLADOLID	Europe	06:10:49	LSD	FALESE MACCHIE
A320 Aero Lloyd	N61480	08:12:01	00:54:35	7200	LIRU	ROMA URBE	Europe	02:11:59	LSD	FALESE MACCHIE
A320 Aero Lloyd	N44816	08:14:54	01:21:53	5908	LIRA	CIAMPINO	Europe	03:14:57	DTM	HABIB BOURGUIBA INTL
A320 Aero Lloyd	N46120	08:40:00	02:48:03	9414	LIRA	CIAMPINO	Europe	08:40:05	LTN	DALAMAN
A320 Aero Lloyd	N37096	05:55:05	08:10:05	7067	LGRD	MARITSA	Europe	11:56:08	LCO	OLIA COSTA SMERALDA
A320 Aero Lloyd	N50902	08:09:35	02:40:51	9042	LIRL	CASALE	Europe	08:09:30	DACN	ZENATA
A320 Aero Lloyd	N97096	04:57:57	07:13:00	5006	LELC	MURCIA SAN JAVIER	Europe	10:58:03	LZG	GROTTAGLIE
A320 Aero Lloyd	N70320	02:15:08	03:40:56	1203	UKLL	LVEY	Asia	08:15:11	LJPY	FALCONARA
A320 Aero Lloyd	N6170	08:54:19	02:29:04	5702	LJPY	FALCONARA	Europe	04:54:16	UKLL	LVEY
A320 Aero Lloyd	N14616	01:52:50	03:24:48	2443	LJPY	FALCONARA	Europe	05:52:55	LROP	OTOPEND
A320 Aero Lloyd	N62544	04:03:49	06:40:58	2430	LIRP	PESA	Europe	16:04:00	HLS	SEBNA
A320 Aero Lloyd	N72384	02:36:38	04:44:20	5287	EDAH	HERINGSBORF	Europe	08:36:43	LIRL	CASALE
A320 Aero Lloyd	N66696	02:49:17	04:12:08	3074	LQKD	KOS	Europe	06:49:21	LIRL	CASALE

If you wish that one aircraft should become more flights, than you select the box 'Higher priority'. Choose the aircraft that should become more flights, enter a percent value for more priority and start the routine with a click to the button 'Change all in List'.

50% More priority will mean, from that 100 flights, this plane will become 50 flights. The other three planes will divide the remaining 50 flights.

I used this functions, because I installed the Delta, Continental and Northwest MD-83 repaint on my FS2002. But how often will I see this MD-83 on any Europe airport? Never!

So I put the criteria 'Europe' for continent and MD-83 as aircraft criteria.

After I choose all MD-83 liveries from Europe that I had installed before and let the AI Traffic Manager change all flightplans automatically.

Change Registration

With this form, you can easily change the registration codes for all or selected flights.

Make some selection for country, continent or airport-code on the first line.
May you want have some additional criteria for some specially aircrafts.

Change Registration

Search:

Start search

Clear fields

Search in: Country

Aircraft:

Flight plans: Plans: 0

Aircraft	REG	Dep1	ETA1	F.001	Code1	Dest1	Cont1	Dep2	Code2	Dest2
Boeing 737-400	N30232	01:59:17	04:02:51	1312	WSAP	PAYA LEBAR	Asia	04:59:14	VTBD	BANGKOK INTL
Boeing 737-400	N84080	00:24:24	02:28:09	9741	VTBD	BANGKOK INTL	Asia	03:24:22	WSSS	SINGAPORE CHANGI
Boeing 737-400	N79632	00:04:19	06:01:13	8627	WSSS	SINGAPORE CHANGI	Asia	09:04:14	ROAH	NAHA
Boeing 737-400	N50640	01:34:40	02:56:08	2945	WIDE	SOEKARNO HATTA IN	Asia	04:34:43	WSSS	SINGAPORE CHANGI
Boeing 737-400 Paint2	N83800	01:57:39	04:01:24	4053	VTBD	BANGKOK INTL	Asia	04:57:42	WSSS	SINGAPORE CHANGI
Boeing 737-400 Paint2	N4112	02:34:44	04:38:19	6341	VTBD	BANGKOK INTL	Asia	05:34:47	WSAP	PAYA LEBAR
Boeing 737-400 Paint2	N74232	05:56:30	10:53:23	6089	ROAH	NAHA	Asia	11:56:35	WSSS	SINGAPORE CHANGI
Boeing 737-400 Paint2	N35056	02:49:42	04:11:12	7700	WSSS	SINGAPORE CHANGI	Asia	06:49:38	WIDE	SOEKARNO HATTA INTL

Change registration to:

(Ex: HB-1234 or D-TH)

☐ Change whole registration

Replace characters from left:

Change all in List

Only selected

With 1 character from left, the first character from the old registration will be replaced by the new one.
Ex:
Change all registration 'M' to 'D-'
Choose for new registration: D-
Characters from left set to 1

Close

On the input-line below the flights-list, you can define your desire new registration code. Chose 'Change whole registration' if you would like the old registration-codes should complete replace by the new one.

If you which, to keep some different numbers of the old registration, unmark this option and tell the program, how many characters from the old code should replace by the new one.

To execute the changes for all listen flights, click to 'Change all in list'. Should only one or two flight be changed, select the flights on the list (use CTRL or SHIFT to mark multiple flights). After that click 'Only Selected'.

Edit Aircraft- data's

Here you can Add, Delete or edit some aircraft data's. Important are the 'Titel' expression, that must compare with a Title entry in the Aircraft.cfg files. Important is too, the speed value. With this value, the compiler and AI Traffic Manger calculate the ETA for every leg.

The fields 'MaxFL' and 'MinFL' are just indicators for minimum and maximum flightlevels as they are defined in all the flightplans. It gives a suggestions what flightlevels can be used by this kind of aircraft's. The values will update on every import.

Aircrafts			
Titel	Speed	MaxFL	MinFL
A320 Aero Lloyd	430	125	25
A320 LAM - Mozambique	430	255	125
A320 LISBON SUN	430	350	230
A320-200 Air Canada	430	350	230
A320-214 Edelweiss Air	430	350	230
A320-214 Swissair	430		
A320-231 British Midland	430	320	260
A320-233 Taca	430	320	260
A320-325 balair cta	430	340	270
Airbus A320 Cyprus Airways	430	350	270
Airbus A320-200 Iberia	430	350	270
Airbus A320-200 Sabena	430	120	25
Airbus A320-214 Croatia Airlines	430		
Airbus A320-232 Air Macau	430		
Airbus A320-200 TAP	430	155	25
Airbus A321-231 Egypt Air	430	155	30
B737-809 Mandarin Airlines	430	155	25
B757-200 CONDOR	430	105	25
B757-300 Condor	430	105	25
B757-300 Icelandair	430	105	20
B777-200ER Saudi Arabian	430	120	25
B777-246 JAL	430	120	25
BAe-146 City Flyer	315	1019	20
BAe-146 MAL pV/TNT	315	120	20
Beech Baron 58	200	120	25
Beech King Air 350	315	150	80
Boeing 737-400	430	150	80
Boeing 737-400 Paint1	430	190	45
Boeing 737-400 Paint2	430	360	275

⏮

⏪

⏩

⏭

New

Delete

Add from FS2002

Close

Specially function: 'Add from FS2002'

The AI Traffic Manager scans all in FS2002 installed aircraft's and show the title entries. Easily select which one you want for using as AI Traffic.

It shows only the aircraft's where not used in AI Traffic Manager at the moment.

Add Aircraft

Aircrafts:

Air Force One

American Eagle ERJ-145

BAe-146 MALÉV/TNT

Bell 206B JetRanger

Boeing 314 Clipper

Boeing 747-400 Paint4

Boeing 747-400 QANTAS

Boeing C-32A (757-2G4) Air Force Two

CC-130H_Canadian Forces

Cessna Skyhawk 172SP IFR

Cessna Skylane 182S IFR

Path FS2002: c:\program\FS2002

Search installed

Get it

Close

Airports data's

The Ai Traffic Manager contents over 6'000 Airports information.

That an airport can use for AI Traffic, it must have a valid code (check if exist in FS2002), Lat, Lon and a altitude.

Order by	Country	Show Airports <input type="radio"/> Only AI Airports <input checked="" type="radio"/> All					
Country							
Code	Country	Airport	City	Alternate Name	Lat	Lon	Altitude
▶ OASB	Afghanistan	SHINDAND	-	-			
OAUZ	Afghanistan	KUNDUZ	-	-			
OASG	Afghanistan	SHEBERGHAN	-	-			
OAMS	Afghanistan	MAZARI SHARIF	-	-			
OAMN	Afghanistan	MAMANA	-	-			
OAKN	Afghanistan	KANDAHAR	-	-	N31° 30.44'	E65° 50.68'	3310
OAKB	Afghanistan	KABUL INTL	-	KHWAJA RAWASH			
OAIL	Afghanistan	KALALABAD	-	-			
QAGR	Afghanistan	HERAT	-	-			
QATQ	Afghanistan	TALULGAN	-	-			
LAVL	Albania	VLORA	-	-			
LATI	Albania	TIRANA RINAS	-	-	N41° 24.92'	E19° 43.29'	115
LAKV	Albania	KUCOVA	-	-			
LAKU	Albania	KUMES	-	-			
LAKO	Albania	KORCE NORTHWEST	-	-			
LAGU	Albania	GIJDER	-	GRAMSH			
DAUZ	Algeria	IN AMENAS	ZarzitneinAmenas	-	N28° 3.24'	E9° 38.56'	1844
DAOV	Algeria	GHRIS	-	-			
DALU	Algeria	TOUTAT	Azrar	CHEIKH SIDI MOHAMED BEN	N27° 50.50'	W0° 11.11'	919
DAUB	Algeria	BISKRA	-	MOHAMED KHIDER			
DAUE	Algeria	EL GOLEA	-	-	N30° 34.30'	E2° 51.88'	1306

Record 1 Off 6087

Countries

In this form, all country information and the relation to the continent can be edited.

Country	Continent
▶ Afghanistan	Asia
Albania	Europe
Algeria	Africa
American Samoa	South America
Angola	Africa
Anguilla	Caribbean
Antigua & Barbuda	Caribbean
Argentina	South America
Armenia	Asia
Aruba	Caribbean
Australia	Oceanic
Austria	Europe
Azerbaijan	Asia
Bahamas	Caribbean
Bahrain	Middle East
Bangladesh	Asia
Barbados	Caribbean
Belarus	Europe
Belgium	Europe
Belize	Middle America
Benin	Africa

Record 1 Off 222

Airport Flightplans

On the main flightplans form, you can create an list of all flights for selected airport.

Each flight and intervals of the flights will show on two big lists, Departing and Arrival.

Airport flightplan

Airport:

EDDM

Airport-Time:

UTC + 2 hours

Departing

Arrival

Nr	Local	UTC	ICAO	Destination	Aircraft
1817	00:04:07	22:04:07	EGLL	HEATHROW / United Kingdom	McDonnell-Douglas/Boeing MD-83
2265	00:10:09	22:10:09	KMIA	Miami / USA	Boeing 777-300
550	00:13:29	22:13:29	URWW	GUMRAK / Russia	Boeing 737-400 Paint1
6161	00:13:40	22:13:40	EGGW	LUTON / United Kingdom	De Havilland Dash 8-100
2672	00:29:50	22:29:50	EGLL	HEATHROW / United Kingdom	McDonnell-Douglas/Boeing MD-83
2249	00:36:33	22:36:33	EGGW	LUTON / United Kingdom	Boeing 737-400
2812	00:42:14	22:42:14	LIRF	FIUMICINO / Italy	McDonnell-Douglas/Boeing MD-83 Pair
1501	00:53:02	22:53:02	EDHL	LUBECK BLANKENSEE / Germany	Piper Cherokee 180 Paint2
1237	00:56:12	22:56:12	LFPN	TOUSSUS LE NOBLE / France	Piper Cherokee 180 Paint2
6532	01:08:20	23:08:20	LCLK	LARNACA / Cyprus	Boeing 737-400 Paint2
8193	01:20:27	23:20:27	LFPY	BRETIGNY SUR ORGE / France	Cessna Skyhawk 172SP Paint2
1644	01:30:44	23:30:44	EGNM	LEEDS BRADFORD / United Kingdom	De Havilland Dash 8-100 Paint1
4719	01:31:18	23:31:18	URWW	GUMRAK / Russia	McDonnell-Douglas/Boeing MD-83 Pair
3669	01:37:52	23:37:52	KMIA	Miami / USA	Boeing 777-300 Paint1
5861	01:38:09	23:38:09	EDDK	KOLN BONN / Germany	De Havilland Dash 8-100 Paint2
2170	01:49:49	23:49:49	LKTB	TURANY / Czech Republic	Piper Cherokee 180 Paint2
3892	01:55:51	23:55:51	EDWD	LEMWERDER / Germany	Cessna Skyhawk 172SP Paint1
9008	02:09:09	00:09:09	UKBB	BORYSPIL / Ukraine	Boeing 737-400 Paint2
4745	02:46:14	00:46:14	URWW	GUMRAK / Russia	Boeing 737-400
4769	02:58:12	00:58:12	EDDL	DUSSELDORF / Germany	De Havilland Dash 8-100 Paint2
7200	03:00:08	01:00:08	KTPA	Tampa / USA	Boeing 747-400 Paint2

Flights: 171

Preview

Close

The Local time was calculated by chosen Airport-Time. To check what difference your airport to UTC has, go to FS2002 menu for Time and Seasons.

Both views, Departing and Arrival flights, can be printed:

Keep in mind, that all flights are listed. If you do not see all this flights on your airport, may you haven't set the ATC Traffic to 100% in FS2002. Or some of your made flights can't be handled on this airport.

Departing						
						Arrival
Nr	Local	UTC	ICAO	Destination	Aircraft	Arrival
1817	00:04:07	22:04:07	EGLL	HEATHROW / United Kingdom	McDonnell-Douglas/Boeing MD-83	00:04:07
2265	00:10:09	22:10:09	KMIA	Miami / USA	Boeing 777-300	00:10:09
550	00:13:29	22:13:29	URWW	GUMRAK / Russia	Boeing 737-400 Paint1	00:13:29
6161	00:13:40	22:13:40	EGGW	LUTON / United Kingdom	De Havilland Dash 8-100	00:13:40
2672	00:29:50	22:29:50	EGLL	HEATHROW / United Kingdom	McDonnell-Douglas/Boeing MD-83	00:29:50
2249	00:36:33	22:36:33	EGGW	LUTON / United Kingdom	Boeing 737-400	00:36:33
2812	00:42:14	22:42:14	LIRF	FIUMICINO / Italy	McDonnell-Douglas/Boeing MD-83 Pair	00:42:14
1501	00:53:02	22:53:02	EDHL	LUBECK BLANKENSEE / Germany	Piper Cherokee 180 Paint2	00:53:02
1237	00:56:12	22:56:12	LFPN	TOUSSUS LE NOBLE / France	Piper Cherokee 180 Paint2	00:56:12
6532	01:08:20	23:08:20	LCLK	LARNACA / Cyprus	Boeing 737-400 Paint2	01:08:20
8193	01:20:27	23:20:27	LFPY	BRETIGNY SUR ORGE / France	Cessna Skyhawk 172SP Paint2	01:20:27
1644	01:30:44	23:30:44	EGNM	LEEDS BRADFORD / United Kingdom	De Havilland Dash 8-100 Paint1	01:30:44
4719	01:31:18	23:31:18	URWW	GUMRAK / Russia	McDonnell-Douglas/Boeing MD-83 Pair	01:31:18
3669	01:37:52	23:37:52	KMIA	Miami / USA	Boeing 777-300 Paint1	01:37:52
5861	01:38:09	23:38:09	EDDK	KOLN BONN / Germany	De Havilland Dash 8-100 Paint2	01:38:09
2170	01:49:49	23:49:49	LKTB	TURANY / Czech Republic	Piper Cherokee 180 Paint2	01:49:49
3892	01:55:51	23:55:51	EDWD	LEMWERDER / Germany	Cessna Skyhawk 172SP Paint1	01:55:51
9008	02:09:09	00:09:09	UKBB	BORYSPIL / Ukraine	Boeing 737-400 Paint2	02:09:09
4745	02:46:14	00:46:14	URWW	GUMRAK / Russia	Boeing 737-400	02:46:14
4769	02:58:12	00:58:12	EDDL	DUSSELDORF / Germany	De Havilland Dash 8-100 Paint2	02:58:12
7200	03:00:08	01:00:08	KTPA	Tampa / USA	Boeing 747-400 Paint2	03:00:08

Reporting Problems

If you have any problems, please mail me at:
'juerg_aerni@hotmail.com'

I can't give support that has to do with MS ACCESS 2000. Please make sure that ACCESS work before you tried to use AI Traffic Manager. And even have in mind, that this program is still in BETA status.

Copyright:

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Traffic Tools:

'TCompiler.exe' and 'TDecompiler.exe' are copyright by Lee Swordy. (Thanks for this super utilities!)

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January, 30. 2002, Jürg Aerni