

MGA Alerts

(for information on enabling macros within Excel see [MGA-install](#))

	Version	See page
1 the pilots module maintains Aircrew data	3.1	3
2 the fleet module maintains Aircraft data	2.0	8
3 the aga module maintains airports & countries database.	3.2	12

Both **pilots** and **fleet** incorporate a system of visual alerts to warn when renewals are becoming due (see 'Status' screens). These are preset to show orange at 90 days and red at 30 days. Overdue validities are painted indigo. Alerts are updated by selecting 'Refresh' from the drop-down menu on the Status screen.

Data from the **pilots** and **fleet** modules are interfaced with the optional **schedule** module so that validity alerts show up on schedule's date matrix along with tasking and aircraft availability data.

Status screen

Pilots module

CREW STATUS is intended for printing and displaying in operations:

The **Status** screen shows when listed validities are becoming due by changing the cell colour for the affected validity (as below).

MGAsoftware.com CREW STATUS 15-Jan-08											
Housekeeping		Michael L Chambers	Colin de Calvada	Gordon Head Walcott							
		MLC	CDC	GHU							
Freq		Valid Until									
Medical	1	04-Apr-08	27-Mar-08	09-Aug-08							
Type	1	C550	C550	C550							
LPC	12 Mo	26-Oct-08	26-Sep-08	27-Oct-08							
OPC	6 Mo	31#6	31-Oct-07	31#6#8							
Line	12 Mo	07-Jun-08	13-Oct-08	24-Apr-08							
Emerg Procs	12 Mo	24-Apr-08	26-Sep-08	31#6							
A Check	1Y		16-Oct-08								
Type	2	C560	C560								
LPC	12 Mo	26-Oct-08	26-Sep-08								
OPC	6 Mo	30-Mar-08	31-Oct-07								
Line	12 Mo	12-Apr-08	15-May-08								
Emergency Procs	12 Mo	12-Feb-08	30-Apr-08								
A Check	1Y		16-Oct-08								
Class				27-Oct-08							
Adrome & Area	13 Mo		13-Oct-08								
Licence		17-Oct-11	20-Jun-10	16-Mar-10							
Passport		06-Sep-13	27-Aug-12	10-Oct-16							
Apt Pass		30-Jun-11		30-Apr-11							
Fire	3Y	26-Jul-09	16-Oct-09	14-Nov-09							
CRM	1-3Y	12-Feb-08	12-Feb-08	12-Feb-08							
1st Aid											
Wet Drill											
Aviation Security	1Y	13-Feb-08	13-Feb-08	13-Feb-08							
Danger Goods	2Y	13-Feb-09	13-Feb-09	13-Feb-09							
Survival	1Y	22-Mar-08		22-Mar-08							
Life Jacket Don	1Y	22-Mar-08		22-Mar-08							
PBE	1Y	22-Mar-08		22-Mar-08							
A-plane systems	1Y										
Fire extinguisher	1Y	22-Mar-08		22-Mar-08							
Instruction-Exits	1Y	24-Apr-08		08-Dec-07							
Operation-Exits	3Y	24-Apr-10		08-Dec-09							
Active and Training Pilots displayed only											
Legend:		16-Jan-08	= Due within 30 days	16-Jan-08	= Due within 90 days	16-Jan-08	= Overdue				

The Status screen of pilots displays a maximum of 36 Crew (note only 'Active' or 'Training' are listed).

Clicking the Hide/Show option on the Housekeeping drop-down toggles the display to show Type Rating data for 2 or 3 Aircraft Types as required.

Latest revisions:

4 opTypes are selectable in addition to an 'ALL' option. (v2.8)

The upper limit for crew members is increased from 50 to 60. The Status screen scrolls sideways through 5 screens of data, each displaying 12 Active or Training crew.. Click the red arrow at screen top right to cycle through the pages. The current page number is displayed at at top left. (v3.0)

Edit Crew Data option on Housekeeping drop-down. Click to edit crew member in current cursor column. (v3.1)

Crew Data

Refresh

Ident

22

1 of 4

Name

Zoof Hiley

Full Name

Zoof Hiley

Address

2 Roland Road
Holbrook
Stansfield

PostCode

ST5 4HQ

Telephone 1

0745 345679

Telephone 2

Fax

email1

email2

Birth Place

Kuwait

Date

19-Aug-72

37

Nationality

British

Status

Active

Rank

1st Officer

opType

Citation

Weight

78

Kg

Total Hours

2500

First Record

25-Apr-09

(auto)

Save Changes

Delete

RATINGS & VALIDITIES - Alerts Register

(Alerts displayed in pilots and schedule)

Free Valid until

12M 09-Aug-09

Medical

12M 09-Aug-09

Free Valid until

10-Oct-16

Passport

67890123

Licence

UKZ34568 B

Airport Pass

244

Free Valid until

16-Mar-10

Free Valid until

23-Feb-11

Type/operation

1

CE560

LPC

OPC

Line

SEP Check

A Check

12M

15-Jun-09

06M

31-Oct-09

12M

30-Apr-09

12M

30-Sep-09

2

CE560

LPC

OPC

Line

SEP Check

A Check

12M

15-Jun-09

06M

31-Dec-09

12M

30-Jun-09

12M

31-Dec-09

3

LPC

OPC

Line

SEP Check

A Check

12M

15-Jun-09

06M

31-Dec-09

12M

30-Jun-09

12M

31-Dec-09

Recurent Training

Details

Date

1

Fire

Birmingham

14-Nov-09

3Y

14-Nov-09

2

CRM

Global Air Training

23-Jan-08

1.7Y

12-Feb-10

3

1st Aid

Global Air Training

23-Jan-08

Completed

4

Wet Drill

Atlantic Training Ltd

15-Nov-06

Completed

5

Aviation Security

Global Air Training

23-Jan-08

1Y

13-Feb-10

6

Dangerous Goods

Global Air Training

23-Jan-08

2Y

22-Jan-10

7

Survival

Global Air Training

23-Jan-08

1Y

22-Mar-10

8

Life jacket donning

Global Air Training

23-Jan-08

1Y

22-Mar-10

9

PBE

Global Air Training

23-Jan-08

1Y

22-Mar-10

10

Aeroplane systems

MGA

04-Aug-07

1Y

03-Aug-10

11

Fire extinguisher

Global Air Training

23-Jan-08

1Y

22-Mar-10

12

Instruction on exits

MGA

20-Mar-08

1Y

31-Mar-10

13

Operation of exits

MGA

20-Mar-08

3Y

31-Mar-11

14

Class

12M

15

Aerodrome & Area

13M

16

17

18

19

Date

Notes / Training / Appointments etc

16-Mar-09

Transverse Guide Training

CrewData screen cont.**Pilots module**

Entering pilot data on the **Crew Data** screen.

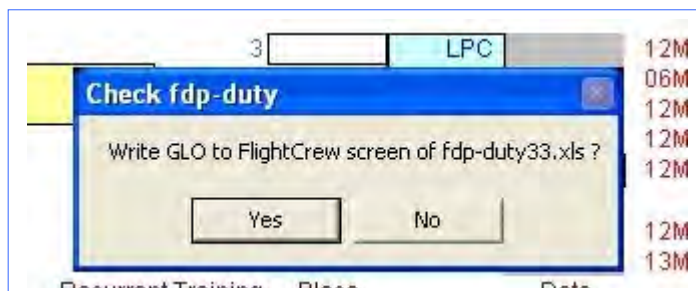
At the Ident drop-down, select 'New'. The logic will cycle to the ident input prompt.

Enter an appropriate ident (a unique 2 to 4 character alpha numeric code). Be aware that the ident selected becomes the tag for identifying the crew member within pilots, fdp-duty, roster, schedule and flightDocs modules. **Exiting out of the process at any time will recall the last selected crew data to the display.**

Then enter the pilot data (as much or as little as you wish) in the boxes provided. When finished, click 'Save Changes' to store the information.

Data Parking on fdp-duty

At save time, any Crew member with a Status of 'Active' or 'Training' which is not currently in the fdp system may be copied across and 'parked' on the *FlightCrew* screen of **fdp-duty** by clicking Yes at the prompt:

**FlightCrew screen (fdp-duty33+)**

Parked data is presented 'grayed out' on the FlightCrew screen with the temporary Status of '←New→'

MGA software.com		18-Jul-08	Housekeeping					Duty Periods			Flying		Status	Rank
Ident	Name	BaseDate	MatrixTo	Days	1st Entry	LastEntry	NextPrint	Last 7 d	Last 14d	Last 28d	Last 28d	Last 12m		
MGA	Mgasoftware.Com	10-Dec-07	31-Aug-08	268	04-Mar-08	22-Apr-08	05-May-08	0:00	0:00	0:00	0:00	9:10	Active	Captain
ALT	Al Timiter	04-Feb-08	12-Oct-08	252	05-May-08	20-May-08	04-Feb-08	0:00	0:00	0:00	0:00	0:00	Captain	
ZZ	Zoot Hilev	25-Dec-06	21-Sep-08	637	26-Dec-06	19-Jun-08	18-Sep-06	0:00	0:00	8:00	0:00	440:55	Active	1st Officer
GLO	Gentry Lobert												<-New-->	1st Officer

When a Refresh is commanded (in fdp-duty), the user will be reminded of any parked data which has not been resolved (See fdp manual):



SetUp screen

Pilots module

Data Labels are defined on the SetUp screen in three sections:

dataLabels

- the 13 labels under the heading recurrent training

typeLabels

- the 5 sub-categories applicable to each aircraft type

dataLabels2

2 supplementary labels

Note that frequency flags (eg '12M') are also user-definable.

SetUp parameters (v2.8)

4 opTypes may be specified on the SetUp screen.

Display Headers. Setting 0 or 1 controls the headers on the Status screen.

Password protection (v2.9):

The SetUp screen is password protected to preclude the data labels etc. from being inadvertently changed.

To reset the password, select 'Reset Password' from the management drop-down. Enter the current password and then you will be prompted to enter the new password twice.

Default Password: The pilots module is shipped with the default password '**mga**' (case sensitive).

Management drop-down:

The Management drop-down provides access to:

- | | |
|--|---|
| Import Data | (converts earlier database versions to v3.1 standard.) |
| Data sheet | view database (Saving module hides this sheet) |
| Edit Labels | Input password and edit data labels on the SetUp screen |
| Reset password | Reset password. |
| (Cancelling out of the reset dialog will re-protect this screen without making changes). | |

Linked files (v2.9):

The default helpFile is MGAalerts.doc

Note the operation of the pilots module can be greatly speeded up by closing down any unnecessary modules running at the same time.



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Status screen

Fleet module

The fleet module works in a similar way to pilots, with a status screen incorporates a visual alerting facility when renewals are due, and a data screen for editing.

The **Fleet** module is interfaced with the **Schedule** module so that validity alerts are presented against the date matrix of **Schedule**.

The **Status** screen lists all validity dates and alerts when validities are becoming due by changing the cell colour for the affected validity (as below).

Due within 90 days	Due within 30 days	Overdue
19-Jan-07	19-Jan-07	19-Jan-07

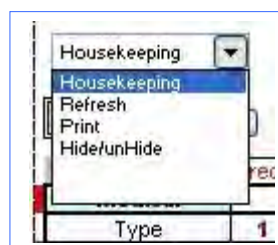
The Status screen is designed for printing and displaying in operations:

Up to 36 crew can be displayed in 3 pages of 12 (version 2.8).

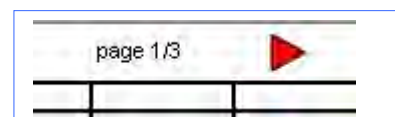
Select operational type to display using the drop down:



Click 'refresh' from the Housekeeping drop-down to update display with the latest info.



To cycle between pages click the arrow at screen top right.



AircraftData screen

Fleet module

Use the AircraftData screen for creating and editing fleet data.

Note that the Data Labels (beneath the 'Delete' button) and related frequency tags on the right hand side of the screen are user-editable.

Clicking the 'Save Changes' button saves any changes made to data labels and frequency tags along with changes to data.

Be aware that data labels and frequency tags are not aircraft specific; the text defined at that position will be reflected across the fleet.

Data parameters which are repeated on the Status screen are presented in the yellow shaded boxes at screen right.

Aircraft alerts are picked up in the **schedule** module.

Aircraft Data screen: version 2.0 includes two extra data parameters:

'image Filename' The image selected is presented at screen centre.

'show in schedule' Select Yes or No to use this aircraft within schedule.

(The **fleet** module can have a max of 10 aircraft, **schedule** a max of 6)

FLEET		Save Changes		Delete		N99MGA																																			
Aircraft Data		Registration: N99MGA 1 of 3		Ref: 013173		Dated: 02-Feb-07																																			
Type	Gulfstream V	Noise Certificate	MP/01595/EGB1418	Maintenance Approval	058873/002	Certificate	Valid until: No expiry																																		
ICAO type	GLF5	Airworthiness Review Certificate	058873/002/001	Radio Licence	22102	Frequency	Valid until: 01-Feb-09																																		
Previous Reg	759	Insurance	00757225/00757235/00757237	Certificate of Maintenance Review		Frequency	Valid until: 31-Jan-10																																		
Serial No	32150					Frequency	Valid until: 07-Jul-09																																		
Weight unit	41205					Frequency	Valid until: 22-Apr-09																																		
Basic Weight	0																																								
Max Take-Off Weight	0																																								
Date of Manufacture	24-Jan-02																																								
Last Refurbished	01-Jun-07																																								
Acquired	30-Nov-06																																								
image File	gulfstream5.jpg																																								
Info Date	03-Feb-09																																								
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Not shown above are the 25 lines of notes to record Aircraft milestones with Date, plain language details and Total Time hours etc, at screen bottom.

Behind the scenes, the database of **fleet** version 2.0 has been revised to provide more robust system. A conversion program converts the earlier database to the new standard when Import Data is used.

AircraftData screen**Fleet module**

The screenshot shows a software interface for aircraft data. At the top left is a green button labeled 'EEI'. At the top right is a green button labeled 'Save C'. Below these is a label 'ita'. The main area contains a form with the following fields: 'Registration' (with a dropdown menu showing 'G-JETO' and a '3 of' indicator), 'Type' (with a dropdown menu showing 'New', 'G-JOPT', 'G-JETA', and 'G-JETO'), 'ICAO type', 'Previous Reg', 'Serial No', 'Basic Weight' (with the value '8432.5 Lbs'), and 'Take Off Weight' (with the value '14500 Lbs').

Left: Select aircraft from drop down menu.

The database holds records for up to 10 aircraft.

SetUp screen**SetUp screen:**

The 'show in schedule' parameter is added to the abbreviated 'acList' list on the SetUp screen and the information displayed is available to schedule version 3.7 to facilitate integration between these modules. (Within schedule, only those aircraft with a positive 'show' flag will be listed on the SetUp screen).



INTENTIONALLY BLANK

Airports database

aga module

The aga module started life as an airports directory, hence the abbreviation 'aga' borrowed from UK Air Pilot. It has grown to include databases for countries, nation/province variations (Zones), Daylight Saving Time (DST), currency Exchange Rates plus a hidden onboard variation database. These databases are employed for various tasks – for example when an airport is manually edited or added to the database, the country, zone and variation data is consulted to provide the necessary information. Other modules access **aga** for information eg:-

flightDocs to get the Local time for a place and date or a list of Handling Agents for an airport
schedule to generate a list of airport/ICAO/IATA codes for use when selecting airports on the Day Plan dialog.

Aga has 4 user screens

		See page
aga	The main airports database (see below)	12
countries	The countries database.	13
Agents	User Handling Agents Directory	
SetUp	User parameters. Airfield Categorisation management.	14

Additionally there are 3 screens which are not normally accessible

zones	Provincial variations qualifying country data.
agaData	temporary input page for web airport update information. (The above may be viewed by clicking the chequered button on the SetUp screen. They are automatically hidden whenever the module is saved).
variation	Not user accessible.

aga: The main editing/viewing screen

	ICAO	Name	Edit	IATA	Elev'	Rwy	Len ft	Len m	Op	Cl	LAT	LNG	Var	Housekeeping	aka	Notes	InfoDate	UzrFlas	Time
385	AGGH	HONIARA HENDERSON		HIR	30	06/24	7218	2201		100	S0925.7	E16003.3	9.3E		Solomon Is				+11
1224	ANYN	NAURU ISLAND INTERNATI		INU	22	12/30	7054	2151		100	S0032.8	E16655.1	9.1E		also ANAU	Nauru International Airport, Pac.Is,			+12
1081	AYBK	BUKA		BUA	11	04/22	5125	1563		100	S0525.3	E15440.4	7.9E						+10
1060	AYGA	GOROKA		GKA	5282	17/35	5400	1646		100	S0604.9	E14523.5	6.1E						+10
1090	AYHK	HOSKINS		HKN	66	12/30	5212	1583		100	S0527.7	E15024.3	7.1E						+10
1160	AYKV	KAVIENG		KVG	15	12/30	5056	1511		100	S0234.7	E15048.4	6.8E						+10
1088	AYMD	MADANG		MAG	20	07/25	5148	1570		100	S0512.5	E14547.3	6.0E						+10
1072	AYMH	MOUNT HAGEN		HGU	5388	12/30	6185	1885		100	S0549.6	E14418.0	5.8E						+10
385	AYPY	PORT MORESBY		POM	146	14/32	9022	2751		100	S0926.6	E14713.1	6.9E						+10
1071	AYTA	TARI		TIZ	5490	14/32	5197	1584		100	S0550.7	E14256.8	5.5E						+10
1105	AYTK	TOKUA		RAB	32	10/28	5643	1720		100	S0420.4	E15222.8	7.3E						+10
1157	AYVN	VANIMO		VAI	10	12/30	5775	1781		100	S0241.6	E14118.2	4.7E						+10
1127	AYWK	WEWAK		WVK	19	10/28	5234	1595		100	S0335.0	E14340.2	5.3E						+10
9609	BGBW	NARSARSUAQ		UAK	112	07/25	6004	1820		100	N6109.6	W04525.5	29.4W						-3
9836	BGSF	KANGERLUSSUAQ		SFJ	165	10/28	9219	2811		100	N6700.7	W05042.9	38.6W						-3
9786	BIAR	AKUREYRI		AEY	7	01/19	6365	1941		100	N6539.5	W01804.3	16.6W						+0

aga30 features various improvements to the database. For each airport on the aga screen, columns X,Y and Z now contain respectively 'Time' (UTC Time Offset), 'DST' (Daylight Saving Time scheme) and 'Zone' (Province or State within Nation). Previously time offsets were recorded by country code (the icao prefix), but for many entries the time offset is specific to a zone within the national entity.

DST (Daylight Saving Time) schemes.

Each airport has a 2 digit code itemising the DST scheme in operation. The codes are prefixed 'N' or 'S' dependant on hemisphere. Northern schemes are coded N1 to N9 and then NA, NB etc. (ie. 'hex' format). Southern schemes are coded with the prefix S. The End date for Southerly DST schemes is in the year following the start date.

(Note the great majority of DST schemes are set by the country but variations can exist within regions).

DST schemes are itemized on the SetUp screen of aga30.

Zones

Aga30 has a hidden 'zones' sheet which contains data for provinces and states within nations.

Airports database

Aga module

The edit dialog (click the blue 'Edit' button)

The screenshot shows the 'Edit' dialog for an airport record. The dialog is titled 'Airport Record' and contains the following fields and sections:

- ICAO:** EDWI
- Name:** WILHELMSHAVEN
- IATA:** WVN
- Elev (ft):** 17
- Runway:** 03/21
- Length:** 4787 ft
- LAT:** N5330.4
- LONG:** E00803.3
- Variation:** 0.6E
- Country:** Germany
- Time Offset:** +1
- Info:** (empty)
- Handling Agent Table:**

	Handling Agent	Tel. No.	Fax. No.	Contact
1	Flugplatzgesellschaft Wilhelmshaven	+494421202333	+494421203514	
2				
3				

The 'Edit' button is highlighted in blue. Other buttons include 'New Record', 'Okay', and 'Cancel'.

Summary of data inputs

Col	Label	Details
B	ICAO	4 character ICAO designator (Master airport identifier)
C	Name	Plain Language Name
D	Iata	3 character IATA code.
E	Elev	Elevation in feet
F	Rwy	Longest Runway orientation.
G	Len Ft	Longest Runway Length in feet
H	Len m	Automatic conversion to metres
I	Op	Op Code (this is a redundant historic parameter)
J	CI	Cost Index (default = 100)
K	Lat	Latitude is (eg) N5511.5 degrees and decimal minutes
L	Lng	Longitude as (eg) W00130.3 degrees and decimal minutes
M	Var	Magnetic Variation as (eg) 0.6E decimal degrees.
N	aka	On board variation database to process (click 'var' button in edit dialog)
O	notes	Also-Known-As: Alternative name
P	infoDate	Plain language notes
Q	userFlag	Applied by MGA to records with all fields validated at the given date.
R-W	acType1-6	The text 'user' indicates a user updated record which will not be automatically overwritten during updates.
X	Time	Label=ICAO Aircraft Type. Airport Categorisation Codes. These columns are hidden and are updated from the SetUp screen in conjunction with ops manual data.
Y	DST	UTC Time offset
Z	Zone	Daylight Saving Time scheme. (Blank= No DST)
		Province within a country (used to qualify UTC offsets and DST)

Be aware that minimal validations are performed on the data inputs to this page. For instance, the logic may not correctly interpret Latitude or Longitude inputs unless the syntax is as above.

Airports database

aga module

countries screen

		Show/Hide	Zone & Classification			aka	Notes	Tel	Exchange Rates			Currency Name	DST scheme	2008			2009		
ICAO	Country		GMT+1200	Mil	Civ				Symb.	£1=	info date			From	End To	From	End To	From	End To
31	LA	Albania	+1	1300	A	CET		355	ALL			Albanian Lek	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
32	LB	Bulgaria	+2	1400	B	EET		359	BGN	2.21	18-Feb-09	Bulgarian Lev	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
33	LC	Cyprus	+2	1400	B	EET		357	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
34	LD	Croatia	+1	1300	A	CET		385	HRK	8.44	18-Feb-09	Croatian Kuna	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
35	LE	Spain	+1	1300	A	CET		34	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
36	LF	France	+1	1300	A	CET		33	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
37	LG	Greece	+2	1400	B	EET		30	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
38	LH	Hungary	+1	1300	A	CET		36	HUF	347.02	18-Feb-09	Hungarian Forint	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
39	LI	Italy	+1	1300	A	CET		39	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
40	LJ	Slovenia	+1	1300	A	CET		386	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
41	LK	Czech Republic	+1	1300	A	CET		420	CZK	39.04	01-Nov-07	Czech Koruna	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
42	LL	Israel	+2	1400	B	EET		972	ILS	5.90	18-Feb-09	Israeli New Shekel	N7	28-Mar-08	05-Oct-08	27-Mar-09	27-		
43	LM	Malta	+1	1300	A	CET		356	MTL	4.20	18-Feb-09	Maltese Lira	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
44	LN	Monaco	+1	1300	A	CET		377	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
45	LO	Austria	+1	1300	A	CET		43	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
46	LP	Portugal	+0	1200	Z	GMT	Azores -1	351	EUR	1.13	18-Feb-09	Euro	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
47	LQ	Bosnia	+1	1300	A	CET		387	BAM			Bosnian Convertible Mark	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
48	LR	Romania	+2	1400	B	EET		40	RON	4.86	18-Feb-09	Romanian Leu	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
49	LS	Switzerland	+1	1300	A	CET	Liechtenstein	41	CHF	1.67	18-Feb-09	Swiss Franc	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
50	LT	Turkey	+2	1400	B	EET		90	TRY	2.40	18-Feb-09	Turkish Lira	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
51	LU	Moldova	+2	1400	B	EET		373	MDL			Moldovan Leu	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
52	LV	Palestine	+2	1400	B	EET	Gaza Strip	970			10-Feb-09		N5	18-Apr-08	17-Oct-08	17-Apr-09	16-		
53	LW	Macedonia	+1	1300	A	CET		389	MKD			Macedonia, Denar	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
54	LX	Gibraltar	+1	1300	A	CET		350	GIP			Gibraltar Pound	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
55	LY	Serbia & Montenegro	+1	1300	A	CET	Yugoslavia	381	RSD			Serbian Dinar	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
56	LZ	Slovak Republic	+1	1300	A	CET	Slovakia	421	SKK			Slovakian Koruna	N1	30-Mar-08	26-Oct-08	29-Mar-09	25-		
57	MB	Turks & Caicos Islands	-5	0700	R			1649	USD	1.43	18-Feb-09	American Dollar							
58	MD	Dominican Republic	-4	0800				1809	DOP			Dominican Republic Peso							
59	MG	Guatemala	-6	0600				502	GTQ			Guatemalan Quetzal							
60	MH	Honduras	-6	0600				504	HNL			Honduras Lempira							

The **countries** screen contains a register of country information for use throughout the AOC system. The data is grouped according to ICAU prefix and includes: Basic TimeZone data ('101' if variations exist within ICAO area), the military and civil classification conventions in use, 'aka' (also-known-as) country name, International telephone Dial code, Exchange rate data (updated via web), Daylight Saving Time (DST) scheme in operation, plus a breakdown of the next 3 fiscal DST periods.

Click the 'Exchange Rates' button to obtain the latest values viz. £ sterling. (Base Rate to be selectable in future release).

No other editing is provided for. The **countries** screen data is for information only.

Agents screen

ICAO	Name	Hours/keeping	Handling agent 1	Tel. No.	Fax. No.	Handling agent 2	Tel. No.	Fax. No.
8	BIAR	Akureyri	Air Iceland	+354 460 7000	+354 460 7010			
199	BIKF	Keflavik	Southair Iceland	+3544250520	+3544250521			
215	BIRK	Reykjavik	birk Flight Services	+3545521611	+3545529221			
25	EBAW	Antwerp	Aviapartner Executive	+32 3 285 6890	+32 3 218 6825	Flying group	+32 3 285 3476	+32 3 218 6825
77	EBBR	Brussels	Abelag Handling	+32 2 720 5980	+32 2 721 2298			
97	EBCI	Charleroi	Signature Flight Support	+3271251934	+3271251129			
208	EBKT	Kortrijk	Abelag Handling	+3256431066	+3256404208			
288	EBLG	Liege	Signature LGG	+3242358864	+3242358874	AviaPartner LGG	+3242348535	+3242348436
288	EBOS	Ostend	Aviapartner Executive	+3259563711	+325970012			
16	EDAC	Altenburg	Flugplatz Altenburg-Nobitz	+49 3447 530 150	+49 3447 530 151			
175	EDAH	Heringsdorf	Flughafen Heringsdorf	+49383762500	+493837625033			
46	EDDB	Berlin (schonefeld)	Feras SXF	+49 30 60914804	+49 30 8875 4602			
125	EDDC	Dresden	AHS Aviation Handling Services	+49 351 8814181	+49 351 8814186	Lufthansa Airport services	+49 351 8814010	+49 351 88140
137	EDDE	Erfurt	Erfurt Airport	+49 361 6560	+49 361 656 2201			
446	EDDF	Frankfurt-Main	FAS Frankfurt Aviation Service	+49 69 690 20399	+49 69 690 58043			
269	EDDG	Munster	FMO Airport Services	+492571943010	+492571943019			
169	EDDH	Hamburg	Air Hamburg HAM	+4940707088917		Acciona HAM	+494050753570	+49405075372
48	EDDI	Berlin (Tempelhof)	Private Wings Aircraft Services	+49 700 0328 0328	+49 30 60918201	VP Aviation	+49 30 6951 3880	+49 30 6951 38
102	EDDK	Cologne/Bonn	Air Evex	+49 2203 95514 0	+49 2203 95514 28	CAS Cologne Aviation	+49 2203 355 1520	+49 2203 3551
100	EDDL	Dusseldorf	Air Evex	+49 211 421 6860	+49 211 454 1902	DAS DUS	+49 211 5160 4050	+49 211 5160 40

The 'Agents' screen contains user data for airport Handling Agents. This may be written from the edit dialogue on the aga screen or else directly into the Agents screen.

Airports database

aga module

SetUp screen:

Web update facility

The DST grid contains details for Daylight Saving Time schemes in use worldwide. Schemes are identified by a code with the prefix 'N' or 'S' dependant on hemisphere. Note that the End date for a Southerly DST scheme is in the year following the start date. The DST scheme database is supplied and updated by MGA web update service.

web data Addresses

Click on a link to see source web data.
Click Update to import web data into this module.

Currency: <http://www.rates.com/cgi-bin/totcalc.cgi?value=1&base=GBP> Base Currency: GBP

agaData: <http://www.123mga.com/webs/mgausers/agaData.htm>

DST schemes: <http://www.123mga.com/webs/mgausers/DSTscheme.htm>

Local Time check:
Select ICAO prefix, enter UTC time & Date.

Country: **VR** Indonesia
UTC: **1200**
Date: **08-Oct-08**
Local: ****** = variable**

aga statistics
Airfields: 30,9
Countries: 2
Handling: 40
Update from: **web**

SoftwareDate: 18-Feb-09
Version: 3.2

24	DST schemes	16 Feb-09	2008	End	2009	End
N1	(see below)	Europe / Russia	30-Mar-08	26-Oct-08	29-Mar-09	25-Oct-09
N2	MY,C*,TX,MB,K*	USA, Canada, Bermuda	09-Mar-08	02-Nov-08	08-Mar-09	01-Nov-09
N3	MU	Malta	26-Mar-08	26-Mar-08	15-Mar-09	25-Sep-09
N4	HE	Egypt	25-Apr-08	05-Sep-08	24-Apr-09	24-Sep-09
N5	LY	Palestine	18-Apr-08	17-Apr-08	17-Apr-09	16-Oct-09
N6		Iran				
N7	LL	Israel	28-Mar-08	05-Oct-08	27-Mar-09	27-Sep-09
N8	DJ	Jordan	27-Mar-08	26-Sep-08	26-Mar-09	25-Sep-09
N9	MM	Mexico	06-Apr-08	26-Oct-08	05-Apr-09	25-Oct-09
NA	GM,GS	Morocco, W Sahara				
NB	OP	Pakistan				
NC	OS	Syria	30-Mar-08	21-Sep-08	30-Mar-09	21-Sep-09
ND	OR	Iraq	04-Apr-08	31-Oct-08	03-Apr-09	30-Oct-09
N1	SA	Argentina	19-Oct-08	15-Mar-09		
S2	SB	Brazil	19-Oct-08	15-Feb-09	18-Oct-09	21-Feb-10
S3	SC	Chile	11-Oct-08	14-Mar-09	10-Oct-09	13-Mar-10
S4	SF	Falklands	07-Sep-08	05-Apr-09	06-Sep-09	04-Apr-10
S5	SG	Paraguay	19-Oct-08	08-Mar-09	18-Oct-09	14-Mar-10
S6	SU	Uruguay	05-Oct-08	08-Mar-09	04-Oct-09	14-Mar-10
S7	EY	Namibia	07-Sep-08	05-Apr-09	06-Sep-09	04-Apr-10
S8		New Zealand	28-Sep-08	05-Apr-09	27-Sep-09	04-Apr-10
SA	(Y*)	Australia: ACT,NSW,S	05-Oct-08	05-Apr-09	04-Oct-09	04-Apr-10
SB	(Y*)	Australia: W.A.	26-Oct-08	29-Mar-09	25-Oct-09	28-Mar-10

N1= BG,BK,DT,EB,ED,EE,EF,EG,EH,EI,EJ,EL,EN,EP,ES,EV,EY,LA,LB,LC,LD,LE,LF,LG,LH

Providing the host computer is connected to the web, you can obtain remote updates of:
Currency Exchange Rates
Airports Data
DST schemes

Exchange Rate data is acquired from a proprietary source. Airports and Daylight Saving Time data is supplied by MGA. (the distribution of update files will be promulgated by stopPress bulletins). At the head of each MGA web update (htm) file is a note of what changes have been made in the current update cycle. Click in the link box above ('http:' etc) to see the source data and read the revision notes. Click the Update button alongside the link box to import the data from the web into this module.

Local Time check

aga30 now reports Local Time correctly when half-hour time differences are involved (eg India).

Import Data

Click Import Data, Enter the filename of the target aga file and then choose between importing Airport data OR Handling agents data.

(Note the **schedule**, **flightDocs** and **fdp-calc** modules all require the aga module to fully work).

Update Currency data will prompt you to first change to the countries screen. To update click the 'Exchange Rates' button

Update Airports data Click OK at the prompt to import the latest data from the web and cycle to the hidden **agaData** sheet. (Click Cancel for the option to view the current contents of **agaData** without importing data. From the **agaData** sheet, Click 'Update aga database' to transfer the contents to the **aga** database.

Update DST data Click OK at the prompt to refresh the DST schemes data grid in this screen. Then click the button labeled 'update on-board countries DST data' to transfer the data and make it available for use on the countries screen.

Notes

Versions & upgrades

MGAsoftware.com will alert you whenever a substantive revision of your software is available for release

To implement an upgrade:

1. Make a safety back up of your existing file using Windows Explorer.
2. Copy your downloaded or emailed software into your MGA folder
3. Run the updated software and:
4. Go to the **SetUp** screen and click the **Import Data** button.
5. At the prompt: 'Import data from filename:' enter the name of your previous version of the software and click **Okay**.

The Import routine will copy your previously existing data into your updated module.

All modules have 'cross-folder support' which allows linked filenames to be specified using a relative or absolute folder spec. (absolute being those beginning eg: 'C:\'). Note that in a network system, relative folder protocols do not always work reliably.

Modules give the Application's plain language description of any file errors which occur when the program attempts to open linked files

MGA Software has a version number appended to the module name in the form of a two digit number (eg: '21' = version 2.1). Your current software version number can be checked on the SetUp screen of the module you use.

Any linked files (ie. those used by the module) are accessible from the SetUp screen under the legend 'Linked data files.' Be aware when an updated module is installed, any module linking to it must have its 'Linked Files' entry edited in order to communicate correctly.

Depending on the version of Excel, MGA software may cause error flags to display in certain cells. These can be safely disregarded. To switch them off go to Tools > Options, select the Error Checking Tab and uncheck 'Evaluates to Error Value'. MGA programs work under any version of Microsoft Excel from Excel 97 upwards.

Disclaimer: Some MGA demonstration modules may be distributed with time-related validities (details will be published on the SetUp page). If the validity of your software is time related, MGA Software is not responsible for any consequences arising from the use of its software after expiry date.

**If your organisation has any requirement for specialised software we will be pleased to investigate the feasibility of providing a bespoke solution to your specifics.
If it's possible for a job to be automated then we can do it!**

For all technical queries contact MGA

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