Flytec 6015
SW Release Notes

V_1.3.07 from 27.1.2012

- Correction GPS Task
  Size of ring-buffer is new 300. So that the long additional not needed telegrams from the IT430 can be processed. Changing in the parser, so that not needed telegrams would be processed as fast as possible.

V_1.3.06 from 23.1.2012

- Correction flash record
  Local copy for flash writing data
- Take-off place = first valid GPS-Position after start
- Landing place = last valid GPS-Position before flight-end
- Debug routine for EEPROM-Error
- Correction IGC-Header
  HFFTYFRTYPE   After "Flytec 6015" no additional number will be send
  HFPGS   The new GPS-Module IT430 is supported

V_1.3.05 from 11.1.2012

- Correction of Altimeter 1 adjust, so that GPS fail-calculations are not included

V_1.3.04 from 21.10.2011

- Communication with two GPS-Modules IT321 & IT430 possible

V_1.3.03 from 18.3.2011

- Title " Vario Thr" changed to "Thr LT".
- Title "Start" in the menu activate route changed to "Starttime".
- Page 5 always represented if a route is activated. Is no start-time defined then the flight-time will be displayed.
- Alt1/2 Set:
  If Alt2-Mode is A1_Inv. It is possible to set the Alt1/2 from the Alt2 screen. The unit is A1_Inv.
- Sending a new Route over the USB to the instrument will inactivate the route.
- Page 5: On the second line the distance to goal will be displayed, if the start-time is elapsed.
- Correction Battery warning:
  After a battery warning displayed, the time will be displayed with the double points.

V_1.3.02 from 26.1.2011

- Correction of read flight
  Read flight works also fine if more than 50 flights are stored in the flight instrument.

V_1.3.01 from 13.1.2011

- Correction of ALT3 & QNH display in balloon mode

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V_1.3.00 from 7.1.2011
- New Release
- New Action ACT_22_00 for clear all Flights with PC

V_1.2.18 from 26.11.2010
- V-Nominal limited by 500 km/h
- Start-Gate-Time in the menu "select next/prev WP" selectable
- Bug-fix Arrow to over-next WP will be displayed until second last WP

V_1.2.17 from 4.11.2010
- V-Nominal is always computed with Entry-Cylinder

V_1.2.16 from 26.10.2010
- New display on Page1
  - Track
  - Wind direction
  - Wind
- New display on Page2
  - WP-Name
  - Bearing
  - Distance
- New display on Page3
  - Track
  - Bearing
  - L/D required
- New display on Page4
  - Speed over ground
  - L/D
  - L/D required

V_1.2.15 from 21.10.2010
- New display on Page1
  - Track
  - Bearing
  - L/D GND
- New display on Page4
  - Speed GND
  - L/D Air
  - L/D GND
- The temperature will be displayed on the Info-Page

V_1.2.14 from 12.10.2010
- AutoPowerOff at bad battery-voltage
- Display wind-rose
  Head-Bearing in the range of -6°… 6°
- L/D with separate filtering

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V_1.2.13 from 8.10.2010
- PreThermal function
  - New Sound
  - PreThermal on/off in alarm-menu
- Route start-time
  Bug-fix from Version 1.2.12

V_1.2.12 from 6.10.2010
- Route start-time
  After power up the latest possible time is active
- Display wind-rose
  Inside of an active "EXIT" start-cylinders the current position will be showed only with the arrow-head
- Display wind-rose
  Bearing with more accuracy / blinking circle-lines
- New calculation of v-nominal
- New function "PreThermal"

V_1.2.11 from 16.9.2010
- 200 WP
- Display wind-rose
  Bearing with more accuracy / Lines outside of the rose
- Display "Goal ☺" at the end of a route

V_1.2.10 from 8.9.2010
- Declaration of Start-Cylinder is possible
- Bearing display in the range of -11 to +11 degrees with more accuracy
- The page selection will be stored with power off
- L/D with separate filtering when digital vario is less then 10 seconds
- Alt2 Max will be stored in flight-book

V_1.2.09 from 23.8.2010
- Wind-detection every circle generates a new wind-calculation
- Speed-display without decimal

V_1.2.08 from 2.6.2010
- Bug-fix Flash-Memory Erase-Page

V_1.2.07 from 2.6.2010
- Better GPS Initialisation
  GPS will wakeup even it was in sleep mode (hibernate)
- Special-version for altitudes above 12'000[m]

V_1.2.06 from 27.4.2010
- LAST-THERMAL detection once per thermal.
  The thermal is defined as an uninterrupted period of rising vario above the defined rising threshold.

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- Altimeter_1 display will be stored on flight-start-detection and generate a LFLYA1-record in the IGC-file.

V_1.2.05 from 14.4.2010

- Bug-fix Flash-Memory rollover

V_1.2.04 from 7.4.2010

- If no GOTO or ROUTE then LAST-THERMAL is displayed on navigation-Page
- LAST-THERMAL as GOTO selectable
- 100 WP
- As long as no flight is started, or Alt1 is not set manually, the GPS altitude will transferred to Alt1
- Flight-Time without starting tolerance +0/-30 second
- New wind calculation (8/16 sectors)
- Bug-fix Record error: The erased page will be tested before writing starts

V_1.2.03 from 12.2.2010

- New record-mode "automatic, manual" selectable in -> Flight Mem -> Rec. Mode
- New battery-type "alkaline, NiMh2.1Ah" selectable in -> Inst Set -> Bat type
- Correction in wind calculation
  Circles faster than 16sec are possible, needs to be tested
- Bug-fix negative GPS or barometric altitudes in IGC-file
- Bug-fix pressure-sensor offset from -10 to +10hPa adjustable

V_1.2.02 from 6.1.2010

- Correction in the position-display

V_1.2.01 from 4.1.2010

- Display the age of wind calculation on Page 2
- Correction in digital vario initialisation
- Bug-fix read WP
- Bug-fix write WP (south/west correction)

V_1.2.00 from 17.12.2009

- Bug-fix Flight-memory
- Correction in text editor
- Correction IGC-Header firmware version

V_1.1.21 from 14.12.2009

- Correction RFA / WFA over USB
- A2-Mode
- Route
- Digital Vario in SubBarGraph
- Changing TAS display
- C-Rec in IGC

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V_1.1.20 from 23.11.2009
- Correction action $20 over USB

V_1.1.07 from 23.11.2009
- Correction in GPS initial
- TAS
- Stall Alarm
- Alarm Menu
- Last thermal
- Display Test

V_1.1.06 from 10.11.2009
- New Rub out for text editor
- New menu WP
- WP over USB
- Distance calculation
- Goto function

V_1.1.05 from 28.09.2009
- Bug-fix Track 0 display
- Bug-fix IGC-Text
- Flight end detection with flag On/Off

V_1.1.04 from 25.09.2009
- Rub out for text editor
- Set Alt1 to GPS-Altitude after power on
- Auto Power Down
- Speed Max in flight header
- Flight book over USB
- Flight record into flash memory
- Get IGC-Text over USB
- Rise acoustic with flag On/Off
- A3/QNH with flag selectable

V_1.1.03 from 10.09.2009
- First release version
- Bugfix in pressure calculation (long carry)
- Timeout in Set Alt1
- Timeout in Set Alt2
- Timeout in Menu
- Flight-book
- Page1 (track ; L/D ; temperature)
- Page2 (track ; wind ; wind-direction)

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