



VFR

Alle Infos: www.skydemon.aero

Planung:

- PC-Anwendung
- SkyDemon Web (PC+MAC): web.skydemon.aero (**Achtung:** erfordert MicroSoft Silverlight!)
- iPad
- Android

Navigation: (moving map)

- PC
- iPad
- Android

Windows 2000 oder höher, mind. iPad2 oder iPhone 3G, mind. Android V3.2



SkyDemon Plan: Voslau - Dobersberg (Dobersberg)

Route Mapping Weather Go Flying Analysis Setup Window Help

Home | New | Print Centre | Reverse | Charts | Waypoints | Aircraft | Logs | Find | METAR/TAF | Wind | Time

Start GPS

Right-click on a NOTAM to show options for hiding it from your briefing and from the map. Some NOTAM cannot be hidden.

Takeoff: Voslau

Apron Information
 Until 28.01.2015 (EST)
 APRON-SHOULDERS IN FRONT OF THE FUELSTATION NOT ACCESSIBLE.

Enroute

LOXN Obstacle Erected
 Until 07.01.2015 14:00 Z
 4 CRANES ERECTED AT AREA FISCHAPARK
 POS: N474909 E0161305 - RADIUS 1NM
 HGT: 80M/262FT DAY AND NIGHT MARKED

ATS Route Information
 Until 20.02.2015 (EST)
 ATS-ROUTES L173/UL175, L604/UL604, L610/UL610 ARE AVBL FOR 'EUFOR FLIGHTS' WITHOUT LIMITATIONS.

Obstacle Information
 Until 26.01.2015 (EST)
 AUSTRO-CONTROL GMBH CHANGES ITS POLICY TO QUALIFY NOTAM FOR OBSTACLES TO FULFILL CUSTOMER REQUIREMENTS AND STILL REMAIN COMPLIANT TO THE APPLICABLE ICAO REGULATIONS. OBSTACLES WILL BE GENERALLY QUALIFIED AS MISCELLANEOUS INSTEAD OF GENERAL. YOU WON'T FIND THESE OBSTACLES ANYMORE IN A PREFLIGHT INFORMATION BULLETIN (PIB) WITH PURPOSE 'GENERAL' AND THEREFORE THE PIB WILL BE SHORTER. IF YOU NEED TO KNOW ABOUT ALL OBSTACLES YOU HAVE TO RETRIEVE A PIB WITH THE PURPOSE

NOTAM Weight & Balance

Voslau - Dobersberg

File Flightplan
 Your journey passes through Wienerwald-West-TRA.

Route

Aircraft: OE-AKI (OE-AKI)
 Level: 3,500 ft
 Pwr/Speed: 95% <2000' (24"/1,900RPM), 101 kt ...

Timings

Takeoff: Not Set
 Landing: Unavailable (1 hr 2 m)

Fuel

Required: 38,8 lb
 Fuel: 90,0 lb
 Endurance: 5 hr 20 m
 Flight Cost: € 170,00

Flight Details | Plates

Distance: 90 nm Time: 1 hr 2 m

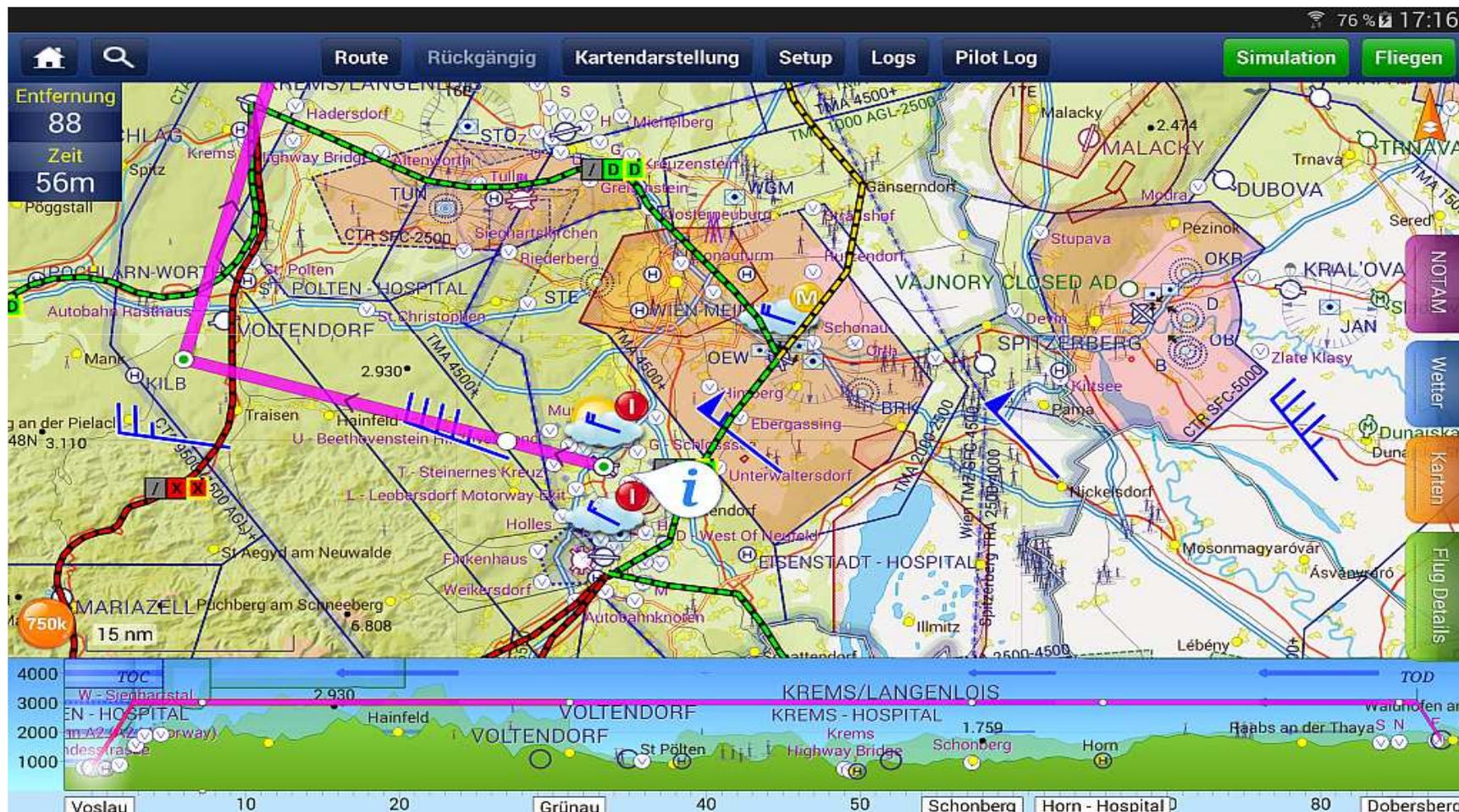
Wien TMA
 Vertical: 5500 ft - FL245
 Ident: LOWW
 Class: C
 Active: Every day
 Radio: LOWW APP

Wien TMA
 Vertical: 5500 ft or 1000 ft agl - 8500 ft
 Ident: LOWW
 Class: E
 Active: Every day
 Radio: LOWW APP

| Trk (°M) | Wind | Hdg (°M) | G5 (kt) | Time |
|----------|--------|----------|---------|--------|
| 358 | 221/07 | 355 | 78 | 6 min |
| 275 | 293/21 | 278 | 72 | 5 min |
| 275 | 293/21 | 278 | 82 | 17 min |
| 004 | 295/26 | 351 | 98 | 13 min |
| 006 | 296/24 | 352 | 86 | 7 min |
| 319 | 299/25 | 314 | 87 | 13 min |

| From | To | Dist (nm) | MSA | Level |
|--------------------------|--------------------------|-----------|------|-------|
| Voslau Airfield | Mödling | 7,3 | 3200 | 3500 |
| Mödling | GISPO | 5,5 | 3000 | 3500 |
| GISPO | Ober-Grafendorf | 24 | 3600 | 4500 |
| N VRP | Ober-Grafendorf | 21 | 3200 | 5500 |
| N VRP | Horn - Hospital Heliport | 11 | 2900 | 5500 |
| Horn - Hospital Heliport | N VRP | 19 | 3300 | 6500 |

Route Plan | Virtual Radar





Kostenvergleich (Planung und Flugpläne)

| | SkyDemon | RocketRoute | HomeBriefing |
|-----------------|----------------------------------|-------------|--|
| Jahresgebühr | 72 € (1x145 €) | 0 € | 45 € |
| Flugpläne inkl. | 5 | 10 / Monat | Österreich: unlimitiert Ausland: 10 |
| Flugplanpakete | 5 = 6 € 1,2 € / FPL | - | 5 = 20,4 € *) 4,08 € / FPL |
| | 50 = 24 € 0,48 € / FPL | - | 50 = 181 € *) 3,62€ / FPL |
| Gültigkeit | 1 Jahr | - | 3 Jahre |

*) Nur für Auslandsflüge nötig!



VFR Flugplanung



SkyDemon Plan: Henstridge - Bodmin
 Route Mapping Weather Go Flying Analysis Setup Window Help
 New Print Reverse Charts Waypoints Aircraft Sync Flightplan Logs Find TAF METAR Wind Start GPS

NOTAM
 Filtering Show on Map Paste
Takeoff: Henstridge
Air Display Scheduled
 Until 14/03/2012 10:00 Z (H1)
 AIR DISPLAY/FORMATION TEAM AEROBATICS (PRACTICE). ACTIVITY WI 2NM 5059N 00221W (HENSTRIDGE AD). 11-07-0870/AS 2.
Warnings
Captive Balloon/Kite Scheduled
 Until 31/03/2012 (H1)
 CAPTIVE UNMANNED HELIUM BALLOON WI 1NM RADIUS 5103N 00219W (MILTON-ON-STOUR). BALLOON WILL BE MARKED IN ACCORDANCE WITH RULE 53 OF...
Weight & Balance
 Loading Point Weight Lever Arm
 Fuel 21.0 kg 153.00
 Pilot 90.0 kg 143.50
 Front Passenger 0.0 kg 143.50
 Rear Passenger 1 0.0 kg 180.00
 Landing: 1058.7 kg
 CoG: 144.93
X Takeoff: 1083.9 kg
CoG: 142.20
 138 139 140 141 142 143 144 145 146 147 148 149
Henstridge - Bodmin
 Your journey passes through Danger Area EGD011.
Route
 Aircraft: Cirrus SR20
 Level: 3,200 ft
 Cruise: Default Power, 142 kt IAS
Timings
 Takeoff: Not Set
 Landing: Unavailable (41 min)
 Flight Details Weather

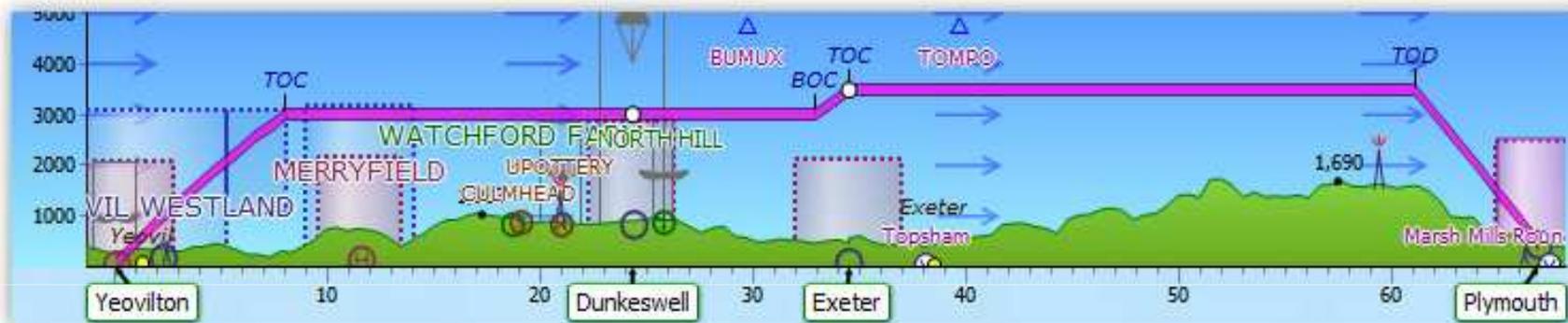
Virtual Radar
 4000
 3000
 2000
 1000
 TOC
 BUMUX
 BOC
 TOMPO
 YEOVIL WESTLAND
 MERRYFIELD
 CULMHEAD WATSHFORD FARM
 NORTH HILL
 Exeter Topsham
 Henstridge Yeovilton 20 30 40 50

| From | To | Dist | MSA | Level | TAS | Trk | Trk | Wind | Hdg | GS | Time |
|-----------------|-----------------|------|------|-------|-----|-----|-----|--------|-----|-----|--------|
| Henstridge ... | Yeovilton Ai... | 11 | 1500 | 3200 | 110 | 278 | 280 | 109/05 | 280 | 100 | 6 min |
| Yeovilton Ai... | Dunkeswell ... | 24 | 2600 | 3200 | 149 | 248 | 251 | 120/04 | 249 | 151 | 10 min |
| Dunkeswell ... | Exeter Airfield | 10 | 1800 | 3200 | 140 | 222 | 224 | 093/03 | 223 | 142 | 4 min |
| Exeter Airfield | Bodmin Airfield | 50 | 3400 | 3500 | 145 | 254 | 256 | 084/03 | 256 | 146 | 21 min |

Route Plan METAR Decode
 TAF Decode
 Airfield Time Period Wind Visibility Cloud Weather
 Exeter
 EGTE, 3 hr 15 m ago
 12/03/2012 15:00 Z
 12/03/2012 23:00 Z
 12/03/2012 15:00 Z
 12/03/2012 18:00 Z
 Occasional
 Variable
 000-000/03
 8000
 9999
 Overcast at 100
 Fog
 Distance: 95 nm Time: 41 min



Virtual Radar



NOTAM

Filtering Show on Map Paste

CTA Activated
Until 24/03/2012

SOUTHAMPTON CTR AND SOLENT CTA
REVISED HOURS: MON-FRI 0630-2230 SAT
0630-1900 SUN 0730-2230

VOR/DME Information
Until 21/11/2012

TRIGGER NOTAM. NAV AID OUTAGES
JAN-NOV 2012. SUP 032/2011 REFERS

METAR for Sumburgh (EGPB)

23 Jan 2012 09:20 Z (27 min ago)

Wind: NIL
Temp: 3°
Dewpoint: 1°, RH: 87%
QNH: 1005 hPa

Visibility 9999m
Few at 1200
Scattered at 2000
Showers in vicinity

Weight & Balance

| Loading Point | Weight | Lever Arm |
|------------------|---------|-----------|
| Fuel | 71.8 kg | 95.00 |
| Pilot | 80.0 kg | 80.00 |
| Front Passenger | 70.0 kg | 80.00 |
| Rear Passenger 1 | 0.0 kg | 118.10 |
| Rear Passenger 2 | 0.0 kg | 118.10 |

Landing: 868.1 kg
CoG: 86.56

Takeoff: 891.3 kg
CoG: 86.78

A flightplan will probably need to be filed for this journey.

Your journey passes through Danger Area EGD036.

Your journey passes through Solent CTA, which is class D airspace.

Your journey passes through Bournemouth CTR, which is class D airspace.



Waypoints

Create | Delete | Edit | Save to Cloud | Load from Cloud

| Name | Identifier | Location |
|----------------|------------|---------------------------------------|
| User | | |
| Althof | ALTHOF | 1 nm W Frauenkirchen |
| Kleinwarasdorf | KL.WARASDF | 4 nm NE Oberpullendorf - Hospital ... |
| Rust | RUST | 7 nm E Eisenstadt - Hospital Heliport |

Edit User Waypoint

Name:

Identifier: Category:

Position: Nddmmss Wdddmmss

Symbol:

Save this waypoint when application exits



Leg Properties

General

DIDEL Exeter

Cruise Profile: 2400rpm x 24" Use Route Profile

Groundspeed: 117 kt

Level: 3000 Use Route Level

Change level before this leg starts
 Start changing level when this leg starts

Extra Time: 0 minutes at start of leg

Distance: 23 nm
 True Track: 106 ° True Heading: 108 °
 Magnetic Track: 109 ° Mag Heading: 111 °
 Min Safe Alt: 1,700 ft

To set the weather conditions for this or any other leg, choose Enroute Conditions from the Weather menu.

OK Cancel

Yeovilton - Popham

Route

Aircraft: [PA-28-200R \(G-XXXX\)](#)
 Level: [3,000 ft](#)
 Cruise: [2400rpm x 24" \(75% power\), 120...](#)

Timings

Takeoff: [Not Set](#)
 Landing: [Unavailable \(24 min\)](#)

Fuel

Required: 20.4 gal
 Fuel: [26.4 gal](#)
 Endurance: 1 hr 38 m
 Flight Cost: £41.00



Aircraft Library

Create | Delete | Edit | Save to Cloud | Load from Cloud | Find Online

| Name | Fuel | Max Speed |
|---|--------------|-------------------------|
|  OE-AGT OE-AGT | Mogas | 95 kt IAS, 14,5 ltr/hr |
|  OE-KAS OE-KAS | ✓ AvGas100LL | 126 kt IAS, 34,0 ltr/hr |

Use Aircraft | Close

Aircraft Properties

General | **Climb & Descent** | Cruise Profiles | Weight & Balance

Service Ceiling: 14300 ft

Climb

Climb Rate at Sea Level: 660 ft/min

Climb Rate at Service Ceiling: 100 ft/min

Indicated Airspeed: 79 kt

Fuel Burn at Sea Level: 40,0 ltr/hr

Fuel Burn at Service Ceiling: 40,0 ltr/hr

Descent

Descent Rate: 1000 ft/min

Indicated Airspeed: 95 kt

Fuel Burn: 20,0 ltr/hr

OK | Cancel



VFR Flightplan

Flight Details Supplementary Information [Delay, Cancel or Close Flightplans](#)

Aircraft

Identification: OEKAS Flight Type: General

Number: 1 Aircraft Type: DA40 [Valid types](#)

Equipment (CNA): SDFG Equipment (S): C

Route

Departing From: LOAV Departure Time: 13 Mai 2013 15:00 Z

Cruising Speed: 132 Knots

Cruising Level: 30 VFR No level will be specified

Route: DCT 4747N01633E DCT

Destination: LHFM Alternate: Alternate 2:

Time Enroute: 0017 h:mm

Other: EET/LHCC0010 RMK/PILOT HERBERT LICENIK, CREATED BY SKYDEMON

Addressing...

Important: Clicking Submit Plan will immediately send your flightplan to all recipients. Do not submit a flightplan unless you have been authorised to do so by the owner of the aircraft.

Flightplan is Complete
[Your account has 0 credit\(s\)](#)

Submit Plan Cancel

VFR Flightplan

Flight Details Supplementary Information [Delay, Cancel or Close Flightplans](#)

Fuel Endurance: 0233 h:mm People on Board: 2

Emergency Radio **Survival Equipment**

UHF VHF ELT Polar Desert Maritime Jungle

Life Jackets

Light Fluorescent UHF VHF

Dinghies

Number: 0 Capacity: 0 Covered

Colour:

Aircraft Colour/Markings: WHITE BLUE STRIPES

Remarks:

Pilot in Command: HERBERT LICENIK

Important: Clicking Submit Plan will immediately send your flightplan to all recipients. Do not submit a flightplan unless you have been authorised to do so by the owner of the aircraft.

Flightplan is Complete
[Your account has 0 credit\(s\)](#)

Submit Plan Cancel



Voslau - Voslau

NOTAM

Takeoff: Voslau

Effective 08.05.2013 09:01 Z - 06.08.2013 15:00 Z
APRON-SHOULDERS IN FRONT OF THE FUELSTATION NOT ACCESSIBLE.

Warnings

Effective 13.05.2013 13:00 Z - 17.05.2013 10:00 Z
AREA FRAUENKIRCHEN MIL HEL LOW LVL AERO-TOW FLT WITH CLBR SENSOR AT 1000FT GND
AREA WITH COORDINATES:
N480013 E0170819 - N475813 E0170522 - N474718 E0165720 - N475034 E0165022 - N480226 E0170135 - N480013 E0170819

Effective 13.05.2013 06:00 Z - 17.05.2013 21:00 Z
ASCENT OF RADIOSONDE OUT OF LOD25 AREA GERICHTSFELD
DAILY: 0600, 0800, 1000, 1200, 1500, 1700, 1900
PSN: 484107N 0152045E
COLOUR: WHITE
DIAMETER: 1M ON GND
ASCENT SPEED: 300M/MIN
MAXIMUM ALTITUDE: 25000M

Effective 13.05.2013 12:40 Z - 13.05.2013 13:30 Z
MILITARY TRAINING AREA HOCHSCHWAB - MTA HSW - ACTIVATED:
REF AIP AUSTRIA, ENR 5.2-3.
FOR DETAILED INFORMATION ABOUT ACTIVITY CONTACT
WIEN INFORMATION FREQ 124.400MHZ OR
MILITARY RADAR FREQ 131.025MHZ.

Effective 13.05.2013 06:00 Z - 13.05.2013 14:00 Z
MILITARY TRAINING AREA SCHOBER - MTA SHR - ACTIVATED:
REF AIP AUSTRIA, ENR 5.2-4.
FOR DETAILED INFORMATION ABOUT ACTIVITY CONTACT
WIEN INFORMATION FREQ 124.400MHZ OR
MILITARY RADAR FREQ 131.025MHZ.

Effective 30.03.2013 06:00 Z - 27.06.2013 18:46 Z (0600-SS)
PIE AND AEROBATICS WILL TAKE PLACE STRAIGHT LINE DEFINED BY:
471725N0163722E
471735N0163757E
471630N0163850E
471615N0163810E
ENTERING THIS AIRSPACE ONLY PERMITTED TO PARTICIPANT ACFT

Effective 01.05.2013 06:00 Z - 28.07.2013 20:30 Z (0600-2030)
PIE WILL TAKE PLACE WITHIN 5KM RADIUS CENTERED AT COORD POINT
473513N 0165042E EXCLUDING AREA LESMO. ENTERING THIS
AIRSPACE ONLY PERMITTED TO PARTICIPANT ACFT.

Generated by SkyDemon on 12.05.2013 17:36 Z.



Voslau - Voslau

NOTAM

Enroute

Effective 29.03.2013 09:17 Z - 27.06.2013 15:00 Z
2 CRANES ERECTED AREA DONAU-CITY.
1.CRANE: 481353N 0162445E
HEIGHT ABOVE GND: 252M/827FT
2.CRANE: 481355N 0162446E
HEIGHT ABOVE GND: 245M/804FT
ELEVATION: 417M/ 1368FT AMSL
NIGHT MARKED.

Effective 20.03.2013 13:30 Z - Permanent
6079B TEICHALMLIFT - RADIO MAST ERECTED AT 472040N 0152706E -
ELEV: 1413M/4636FT - HGT ABV GND: 39M/129FT - OBST LIGHTED.)

Effective 02.05.2013 00:00 Z - 16.05.2013 23:59 Z
AIRAC EFFECTIVE DATE 02 MAY 2013 NIL.

Effective 13.03.2013 13:19 Z - 11.06.2013 15:00 Z
AUSTRO CONTROL GMBH CHANGES ITS POLICY TO QUALIFY NOTAM FOR OBSTACLES TO FULFILL CUSTOMER REQUIREMENTS AND STILL REMAIN COMPLIANT TO THE APPLICABLE ICAO REGULATIONS.
OBSTACLES WILL BE GENERALLY QUALIFIED AS MISCELLANEOUS INSTEAD OF GENERAL.
YOU WON'T FIND THESE OBSTACLES ANYMORE IN A PREFLIGHT INFORMATION BULLETIN (PIB) WITH PURPOSE 'GENERAL' AND THEREFORE THE PIB WILL BE SHORTER.
IF YOU NEED TO KNOW ABOUT ALL OBSTACLES YOU HAVE TO RETRIEVE A PIB WITH THE PURPOSE 'ALL'/'MAXIMUM'.
AS EXCEPTION FROM THAT RULE THE FOLLOWING OBSTACLES WILL ALSO BE AVBL IN A PIB WITH PURPOSE 'GENERAL':
- OBSTACLES WITH A HEIGHT OF 100M OR MORE,
- OBSTACLES WITHIN A CTR OR WI 5NM OF AN ARP,
- OBSTACLES ALONG VFR-ROUTES.

Effective 28.03.2013 13:25 Z - Permanent
BAERENKOGEL - RADIO MAST ERECTED AT 473408N 0154055E -
ELEV: 1167M/3829FT - HGT ABV GND: 37M/122FT - OBST LIGHTED.

Effective 30.04.2013 09:08 Z - 28.07.2013 15:00 Z
DUE TO OUTAGE OF RADIO FACILITY 'SCHNEEBERG' POOR RADIO COVERAGE ON FREQ 118,525 OF TERMINAL FLIGHT INFORMATION HAS TO BE EXPECTED IN THE AREAS 'WECHSEL' AS WELL AS SOUTH AND SOUTHWEST OF 'RAX/SCHNEEBERG' BELOW 8000FT AMSL.
FROM GND UP TO 8000FT AMSL

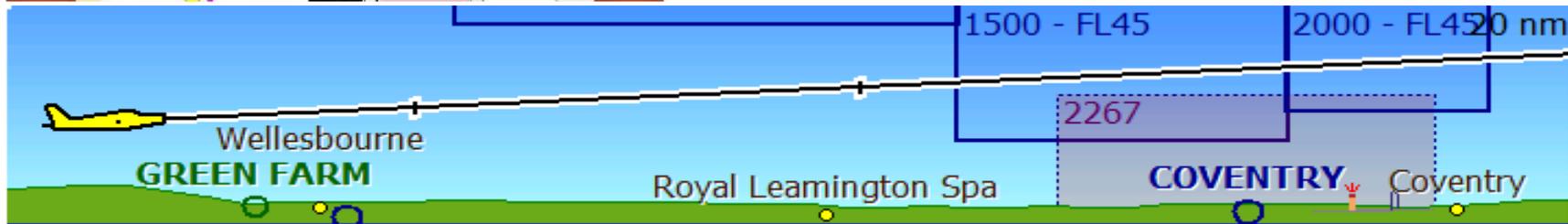
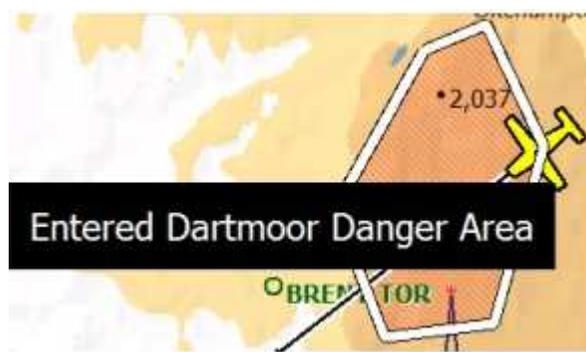
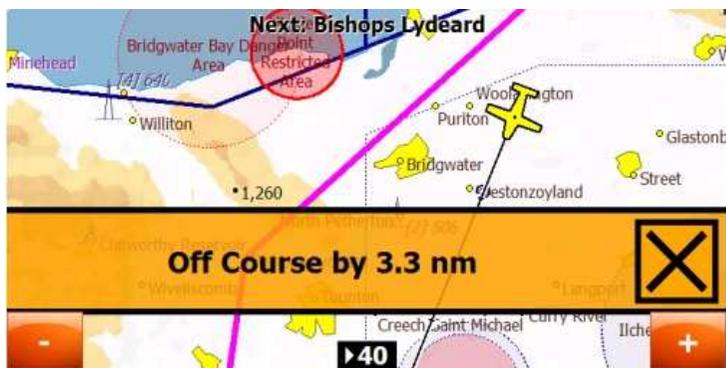
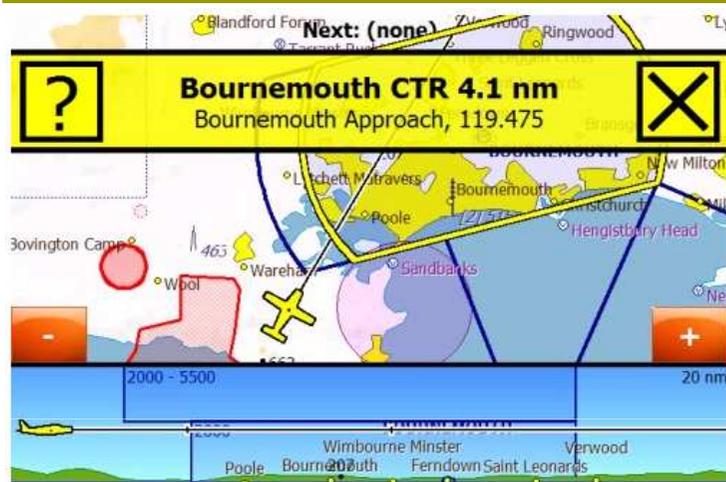
Effective 20.03.2013 14:56 Z - Permanent
GUGELBERG - PSN CHG AT STEEL TUBE MAST WITH BRACING CABLE.
PSN: 483130N 0163534E. REF AIP AUSTRIA, ENR 5.4-NIEDEROESTERREICH-8.

Effective 14.05.2013 09:00 Z - 14.05.2013 13:00 Z
GYOR DVOR/DME GYR DVOR PART 115.1MHZ OUT OF SERVICE.

Generated by SkyDemon on 12.05.2013 17:36 Z.



VFR Navigation (Moving Map)





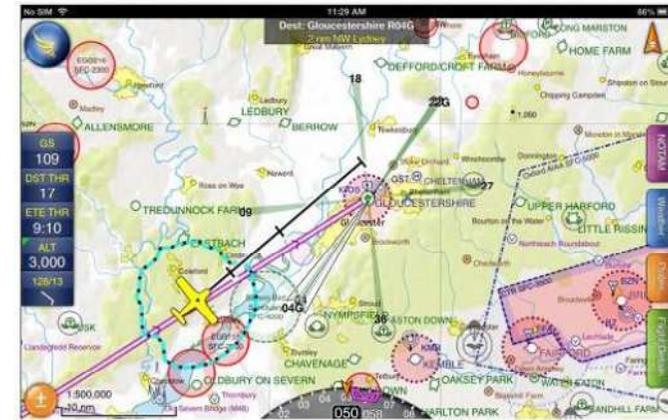
HSI-Darstellung



ILS-Darstellung

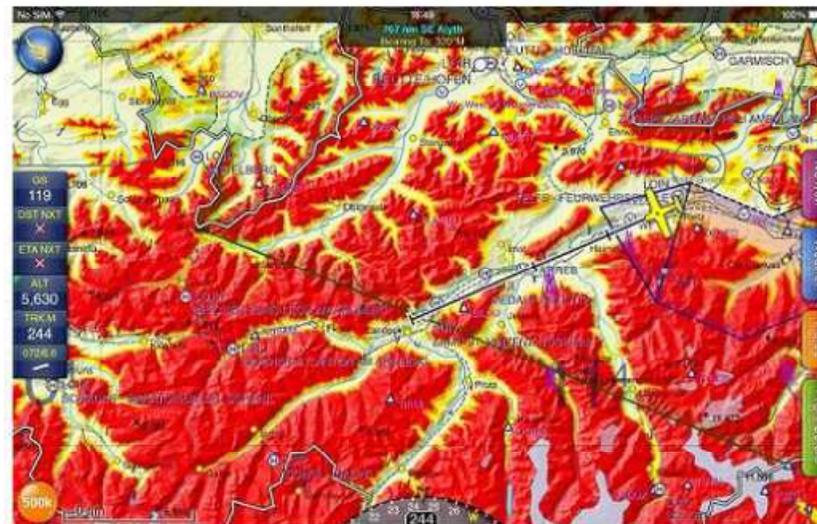


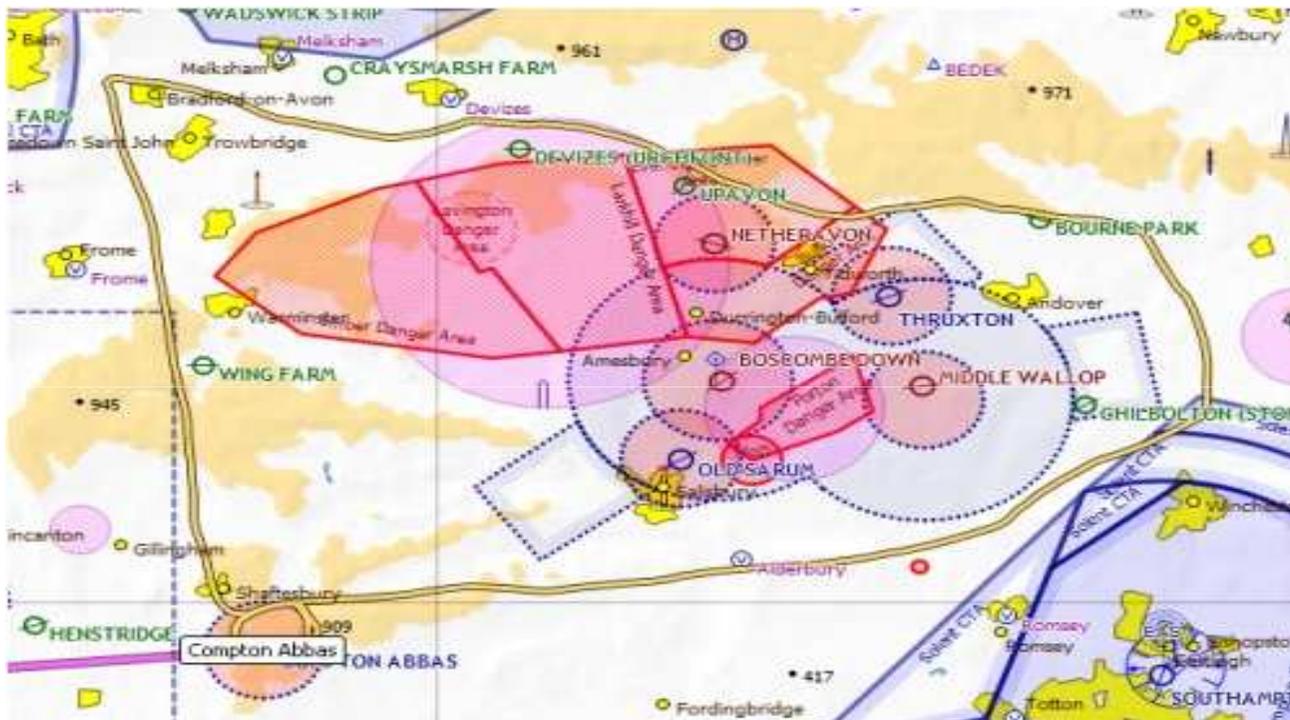
GlideSafe Technology



Terrain Safe

Farblich kodierte
Terraendarstellung
abhängig von der Flughöhe







Allgemeine Bemerkungen zum Fliegen mit GPS



- Immer ein Backup und immer einen Plan B (C, D..) haben!
- Terrestrische Navigation nicht vernachlässigen!
- Den großen 3D Schirm benutzen (= rausschauen)!
- Singulären Datenquellen nicht vertrauen, gegenchecken!
zB NOTAMS zusätzlich von DFS, TAF-METAR von ACG holen.
- Vor Benutzung im Flug die Bedienung üben!
zB im Auto (als Beifahrer!)
- Checkliste machen:
 - Alle Karten aktuell?
 - Am Tag vor dem Flug: Alle Akkus aufgeladen (Ladezeit!)?
 - Alle Kabel und Subgeräte dabei (zB externe GPS-Maus)?
- Achtung bei Ladegeräten: Bordnetzspannung ist meist 28V!
- Manche Tablets verbrauchen mehr Strom als die Ladegeräte liefern können, halten also auch bei Pufferung nicht „ewig“!



...vor allem, wenn sie nicht SkyDemon verwenden...

Danke für Ihre Aufmerksamkeit!