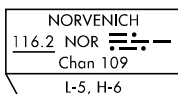


SPANGDAHLEM AD 23 DEPARTURE

SHL-1450 [USAF]

BINSFELD, GERMANY

ATIS ★ 143.425 244.5
 GND CLNC DEL
 308.85
 GND CON
 138.8 308.85
 SPANGDAHLEM TOWER ★
 122.2 256.5
 LANGEN RADAR
 125.6 340.325
 LIPPE RADAR
 314.6



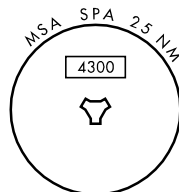
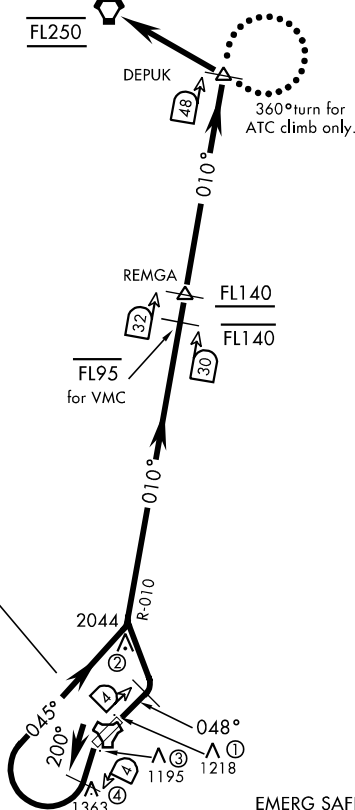
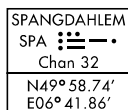
Rwy	Knots	60	120	180	240	300	360
05	(a) V/V(fpm)	410	820	1230	1640	2050	2460
23	(b) V/V(fpm)	310	620	930	1240	1550	1860
05/23	(c) V/V(fpm)	430	860	1290	1720	2150	2580

ATC Minimum Climb Rate

- (a) to FL140
- (b) to FL140
- (c) from FL140 to FL250

- ① 1218' (5' AGL) junction box 44' from Rwy 05 DER, 161' left of centerline.
- ② 2044' (272' AGL) tower 4.3 NM from DER Rwy 05, 3.5 NM left of centerline..
- ③ 1195' (100' AGL) trees 1505' from Rwy 23 DER, 1136' left of centerline.
- ④ 1363' (100' AGL) trees 3.13 NM from DER Rwy 23, 2.4 NM left of centerline.

CAUTION: Uncontrolled light aircraft
 operations in the vicinity of
 Bitburg airport at or below 2700.



EMERG SAFE ALT 100 NM 4800

TA 5000

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 05: Track 048°, at SPA TACAN 4 DME turn left to intercept SPA R-010. Cross SPA 30 DME at or below FL140 and cross 32 DME at or above FL140 then climbing to FL250, at SPA 48 DME turn left to NOR cross NOR at FL250. If unable to reach FL250 at NOR perform right 360° climbing turn with ATC approval then to NOR.

TAKE-OFF RWY 23: If able, avoid overflight of village 1.2 NM from DER. Track 200°. At SPA TACAN 4 DME turn right tracking 045° to intercept SPA R-010. Cross SPA 30 DME at or below FL140 and cross 32 DME at or above FL140 then climb to FL250, at SPA 48 DME turn left to NOR cross NOR at FL250. If unable to reach FL250 at NOR perform right 360° climbing turn with ATC approval then to NOR.

AD23V TRANSITION: For VFR cross SPA 30 DME at or below FL95. If unable to maintain VMC maintain last assigned altitude and advise ATC.

SPANGDAHLEM AD 23 DEPARTURE

BINSFELD, GERMANY
 SPANGDAHLEM AB (ETAD)

Effective 3 AUG 2006 - 31 AUG 2006