

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
852/2022		Vanguard 1		Training		022000MAY22		
Task						Freq		
AO	LATNC					133.5		
Departure				Recovery				
FYTTR THREE				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Vanguard 1-1		Mütze		3311	21Y	1561	
-2	Vanguard 1-2		Warblade		3312	84Y	1562	

LOADOUT			
A/A			GUN 100% HEDP
A/G			CHF 30
POD			FLR 60
TKS			FUEL 80%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	2010				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	South Gap	N36 11.940 W115 00.400		
2	WP2	N36 12.900 W114 48.880		
3	Konvoi	N36 13.700 W114 34.830		
4	WP4	N36 09.400 W114 47.600		
5	South Gap	N36 11.940 W115 00.400		

COMMS	
Radio	Usage
1	133.50
2	327.0
3	35.35

NOTES

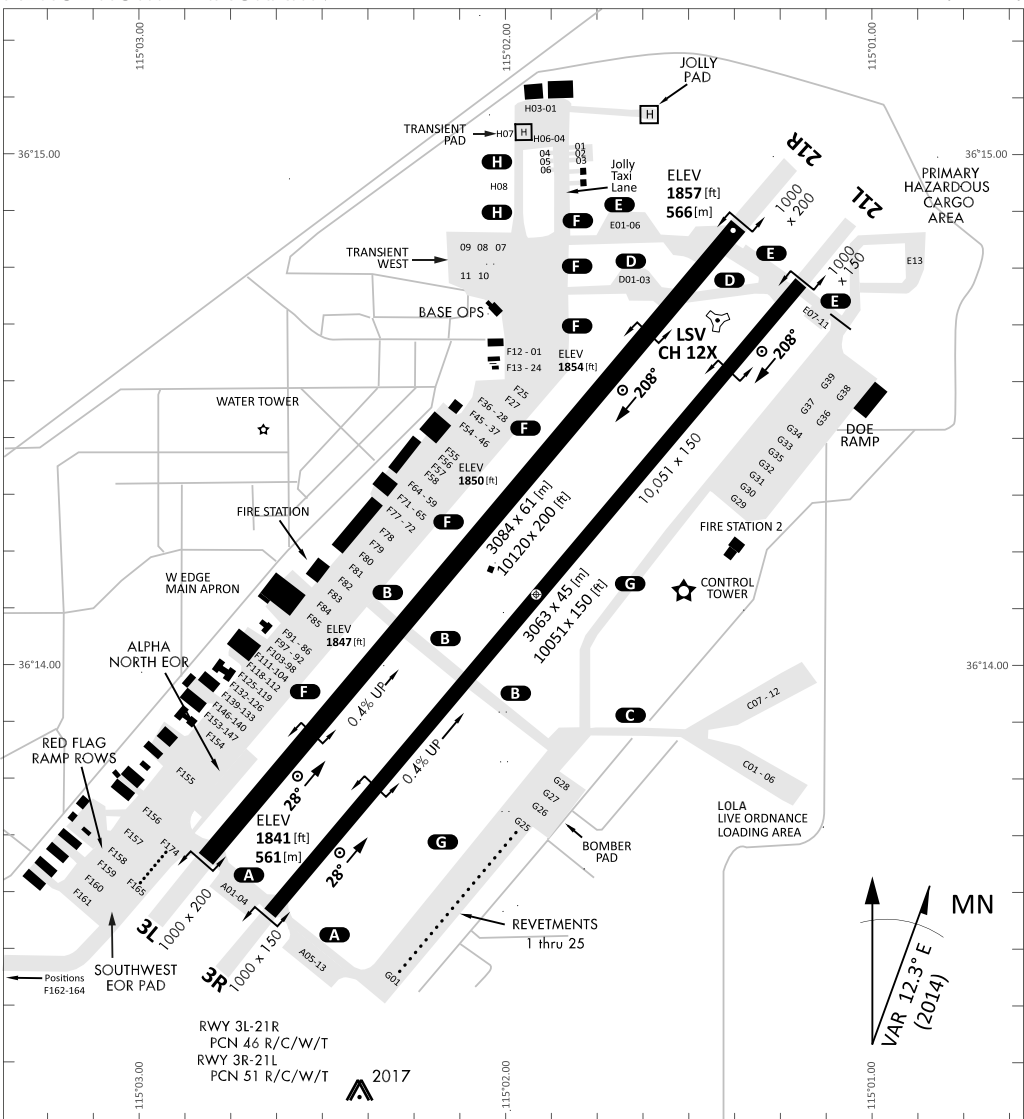
- Sunrise departure
- ab WP2 bis zum Target : Bounding overwatch ostwärts (erst entlang der Straße, aber immer Richtung Osten)
- gemeinsamer Gunrun auf Konvoi
- zusammen mit Rattler vom Ziel zu WP4 : bounding overwatch in elements
- gemeinsamer RTB, gemeinsames Callsign Rattler 4 (jetzt als 4-3 und 4-4)

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler 4	Training	2x AH-64D	133.25	21/84		156X
	AO	LATNC	Task			
T-Rex	Training	2x A-10C	132.25	27/90	25	165X
	AO	R64	Task	CAS		
Panther 3	Training	2x F/A-18C	261.45	31/94		157X
	AO	R75-04	Task	MAV Training		
Spectre*	Training	1x Ground	34.5	21/84		156X
	AO	R64	Task	CAS Training		
Whiplash*	Training	1x Ground	35.5	21/84		156X
	AO	R62	Task	CAS Training		
Boar 3	Training	2x A-10C	132.35	27/90	23	153X
	AO	R62	Task	CAS		
Panther 5	Training	4x F/A-18C	261.35	31/94		157X
	AO	63B	Task	Bomb Delivery		
Tusk 3	Training	2x A-10C	132.45	27/90	27	158X
	AO	R62	Task	CAS		

RADIO CHANNELS		
#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD										
0	1	2	3	4	5	6	7	8	9	
N	I	G	H	T	C	L	U	B	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	CLVF	TJB	WMI	RE	NP	DQG	SA	UH	XK	YO
B	ETFV	KXQ	BIO	YG	DA	LSJ	MC	WN	RH	UP
C	LAKP	RMX	HOB	FY	NQ	CJG	TU	WD	VI	ES
D	DTYA	FPW	GJE	KM	LB	VSQ	RU	CI	HN	XO
E	IRQU	BEM	DXC	TY	GA	LKF	PS	NJ	VH	WO
F	IPRG	SQX	UKA	DO	NW	ETM	JB	CH	VF	YL
G	FWYP	MKG	DQR	OB	EX	JTV	CA	IU	HS	NL
H	DRKU	SCH	XAI	WF	LE	JTM	VP	BY	OQ	NG
I	RVQA	PDM	YCE	WL	UK	XNB	JF	OH	IG	ST
J	RFWL	YPE	HTC	SM	BQ	VOK	AU	DJ	NX	IG
K	LJIE	FKW	GTR	XB	YH	NSU	QM	DP	AC	OV
L	WNOI	PFD	QTY	RB	CM	KUH	SA	VG	JE	XL
M	CTVA	IEJ	QYM	RG	HB	PLX	SW	FU	KO	ND
N	OBKE	FRM	HJX	PN	LQ	UDI	CA	WY	ST	VG
O	HGTW	JON	CUS	KQ	XR	PEY	BV	IL	DM	FA
P	VPMJ	GFS	WYN	EX	KD	LBU	RC	OQ	HA	IT
Q	VSPY	NXJ	TQK	BA	WE	DIC	RU	FG	HM	LO
R	VECN	UPQ	JRI	LS	KG	DXA	OT	FW	YB	HM
S	BXKU	ITL	YFJ	ON	QW	EPG	VA	CS	DM	HR
T	VLNA	UHC	KTP	IG	WJ	OQD	RY	ES	MB	FX
U	DGXB	FWS	OEC	LR	JM	KUN	PQ	HY	TI	VA
V	SNJC	DQG	FHP	WV	UT	RMX	YB	KA	LO	IE
W	OLDT	XUB	PKI	CN	WR	AYS	HV	QJ	EF	MG
X	DQFJ	PHY	RWI	MN	KS	VLT	GX	CE	BU	OA
Y	AIOR	QCG	BKH	EU	WN	TFV	JS	LY	DX	PM

NAVAIDS				
Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



PAR	RWY	CAT	MINIMA		ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	300	600	900	1200	1500 [m]	
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	1000	2000	3000	4000	5000 [ft]	
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)										
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)										
RWY		TORA		TODA		ASDA		LDA		PSN THR		ALS	
21L		10051 [ft] 3063 [m]		11051 [ft] 3368 [m]		11051 [ft] 3368 [m]		10051 [ft] 3063 [m]		36°14.043'N 115°01.018'W		⊕	
3R		10120 [ft] 3084 [m]		11120 [ft] 3398 [m]		11120 [ft] 3398 [m]		10120 [ft] 3084 [m]		36°13.029'N 115°02.038'W			
ATIS		NELLIS GROUND		NELLIS TOWER		NELLIS CONTROL		TACAN		ILS RWY 21L		NELLIS EAST	NELLIS WEST
270.100 Mhz		275.800 121.800		327.000 132.55		317.525		LSV 12X		109.10 Mhz		384.400	385.000

FYTTR THREE DEPARTURE

NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

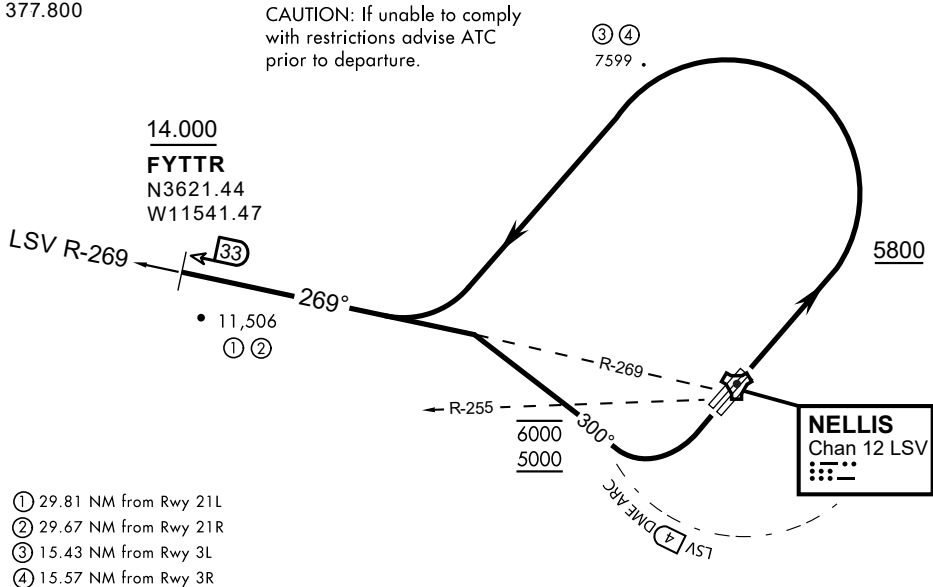
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L ①	V/V(fpm)	394	788	1182	1576	1970	2364
3R ②	V/V(fpm)	392	784	1176	1568	1960	2352
21L ③	V/V(fpm)	388	776	1164	1552	1940	2328
21R ④	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
① to 9300
② to 13 500

CAUTION: If unable to comply with restrictions advise ATC prior to departure.



- ① 29.81 NM from Rwy 21L
- ② 29.67 NM from Rwy 21R
- ③ 15.43 NM from Rwy 3L
- ④ 15.57 NM from Rwy 3R

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

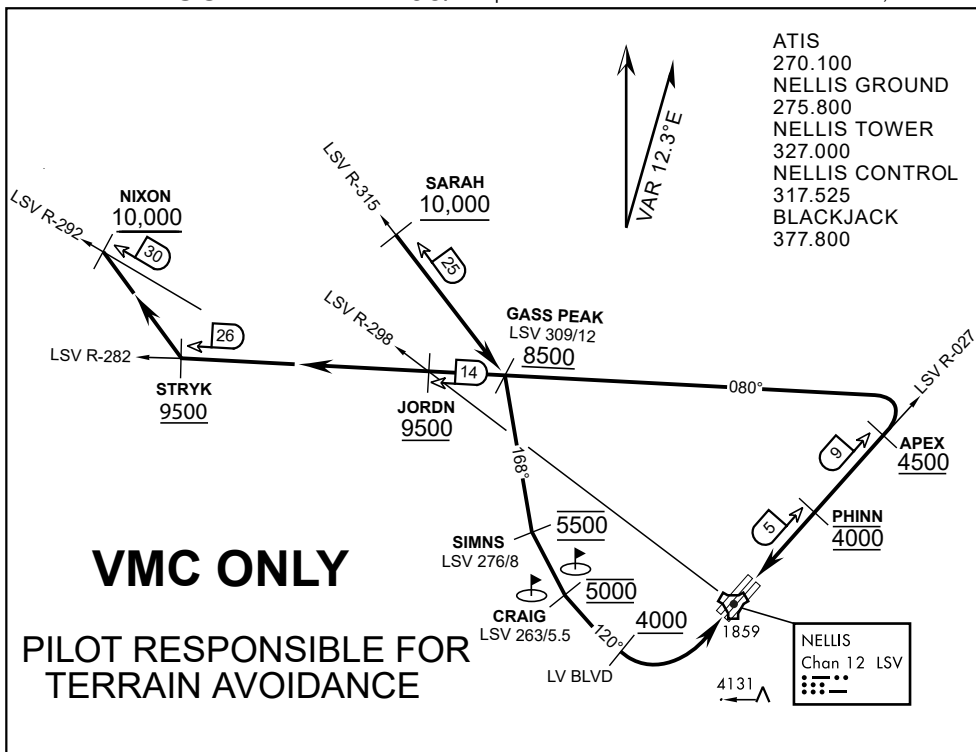
- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.