

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1843/2023		Vanguard 1		Training		172015APR23	
Task	Bombing Training					Freq	
AO	Range 64A					264.55	
Departure				Recovery			
FYTTR LOW				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Vanguard 1-1	Herby		3311	21Y	1681	

LOADOUT			
A/A			GUN
A/G			CHF
POD			FLR
TKS			FUEL

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7758				

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
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	N36 21 26 W115 41 28	15000	
2	T64.10	N36 54 11 W115 36 51	1500	
3	64A	N36 53 56 W115 36 50	15000	
4	STRYK	N36 25 37 W115 30 42	15000	
5	GASS PEAK	N36 24 08 W115 10 40	15000	
6	SIMNS	N36 17 20 W115 10 45	15000	
7	CRAIG	N36 15 15 W115 08 16	15000	
8	Nellis AFB	N36 13 32 W115 02 37	1500	
9	Creech AFB	N36 35 03 W115 41 12	1500	

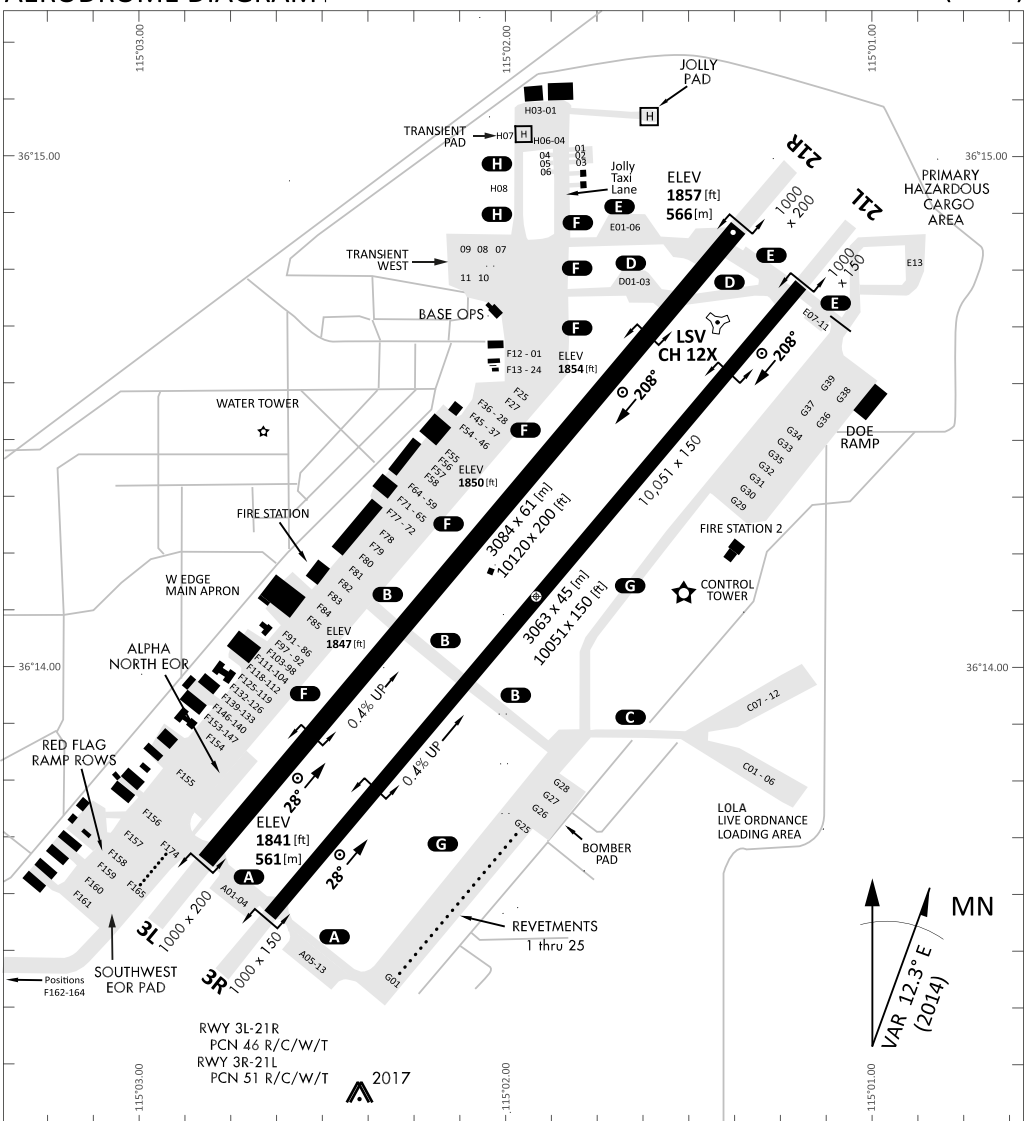
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler 1	Training	3x AH-64D	133.5	21/84		125X
	AO	Range 63	Task			
Panther 6	Training	2x F/A-18C	261.35	31/94		157X
	AO	Range 66	Task	Ground Radar Structure - Stand Off		
Tiger 3	Training	2x F/A-18C	261.15	11/74		155X
	AO	REV NORTH	Task	BFM Training		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO	R62	Task			
Monster 2	Training	4x A-10C	132.15	27/90	21	164X
	AO	R62	Task			
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - High Drag		

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	
L	O	V	E	M	A	K	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	DFKE	BGA	RWS	XI	VP	ONU	YJ	CL	TH	MQ
B	BRSF	UYN	KEW	AP	MX	JLH	TG	CI	QV	DO
C	VTAB	QDN	SLE	IH	KY	COJ	WX	MG	UR	PF
D	JTAD	NQK	YUC	PX	MV	WLR	FG	IS	BE	HO
E	BXVP	KRF	MAC	IE	YT	HLO	SD	JQ	UN	WG
F	XNCH	KMA	TDY	WP	LF	VQS	JI	EB	OR	GU
G	IOHW	VMY	SKB	UT	XC	NAE	QD	PG	JL	RF
H	HVDK	YSF	LPJ	CW	GU	MIX	AB	NE	OR	TQ
I	RQDI	HCO	SYN	BM	JL	PUA	GK	WV	FT	EX
J	YGFK	NAL	HMB	PC	ST	WOQ	VJ	RE	ID	UX
K	SCJF	PXQ	WKD	LA	IM	BVU	NH	YE	GT	OR
L	YQEM	GKN	DOP	LH	WV	IUJ	SX	CT	FR	BA
M	BTQJ	XWA	EID	OG	YK	VHN	FS	CP	MU	LR
N	NLHD	UAJ	EIM	FG	PS	KTR	VY	QO	WB	CX
O	SEDG	QWX	MBU	OA	CV	FHK	TI	JP	YN	RL
P	QKOE	NAR	THY	PW	GU	FLV	DI	MJ	BC	XS
Q	TLPH	REX	FWQ	DK	YM	JSB	OG	IV	UA	CN
R	JNHV	EYC	KMU	PQ	FS	DGR	XA	LT	OW	IB
S	RVLK	TDJ	MXY	PH	SE	IGW	AU	FN	OC	BQ
T	TWUN	MRD	FJL	GX	CS	HBP	VY	OI	QK	EA
U	FLXS	DBU	HQV	JI	MC	RYG	EK	TA	PN	WO
V	OLWQ	BGA	SNP	CT	VH	EIY	DM	RJ	KF	UX
W	RISC	TAL	FEV	WO	PQ	BGD	JK	XH	YM	NU
X	GLVE	CFT	MQS	ON	HU	YDB	PR	JI	KX	AW
Y	UFOM	NIQ	WPH	JX	BT	CDA	RV	GK	LY	SE

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	ELEV	Scale
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	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

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

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

VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

① 4 NM from RWY 3L/R



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R:

- Remain below 3,000' MSL until north of Race Track and turned westbound.
- Turn left within 4NM of Nellis direct FLEX. Fly north of FLEX and turn left heading 270°.
- Intercept LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269. Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.

TAKEOFF RWY 21L/21R:

- Follow Noise Abatement Procedures.
- Fly runway heading until past Golf Course, turn right heading 300°.
- Cross LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269. Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.

TRANSITIONS:

R-4806: Turn right at the LSV 269/20 direct to assigned ranges.

BEATTY: Turn right at FYTTR direct BTY via the BTY R-105

R-2508: Turn right at the FYTTR, intercept the BTY 105/30, direct TUCKY, then direct R-2508

FYTTR DEPARTURE AND TRANSITIONS (FYTTR LOW)



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.



476 vFG JAN 2019

476 vFG JAN 2019