

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1814/2023		Vanguard		Training		062000APR23		
Task	Ferry						Freq	
AO							133.25	
Departure				Recovery				
				ARCOE				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Vanguard-1		Herby		3311	21Y	1561	

LOADOUT			
A/A		GUN	100% none
A/G		CHF	60
POD		FLR	120
TKS	2xFT300	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13758				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
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	ARCOE	LSV 357/30 (N36 44 16 W114 55 01)		
2	Nellis	N36 14 41 W115 01 30		

COMMS	
Radio	Usage
2	288.2 / 339.85 / 377.8 / 327.0 (Nellis)

NOTES

Tanker Shell 2, 255.75, Tac101Y, FL170, 270KIAS

Syrien DEP via PAPA (N34 39.39 E032 46.48)

Rendezvous Point "Maggy" N35 11.877 E031 54.352

ARR Nellis via ARCOE

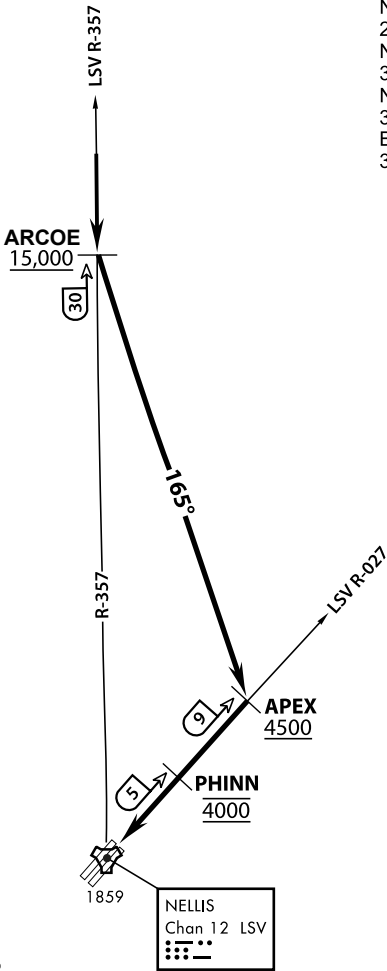
OTHER FLIGHTS						
Callsign		Mission	Airframe	Freq	TCN	Grpld Laser
Tiger		Training	4x F/A-18C	261.15	11/74	1 155X
	AO	Nellis	Task	Ferry KLSV		
Rattler		Training	4x AH-64D	133.5	21/84	125X
	AO		Task	Ferry		
Monster		Training	4x A-10C	132.15	25/88	21 161X
	AO		Task	Ferry		
T-Rex		Training	4x A-10C	132.55	27/90	25 165X
	AO		Task	Ferry		
Cougar		Training	2x F-14B	261.25	21/84	156X
	AO		Task	Ferry		
Panther		Training	4x F/A-18C	261.35	31/94	157X
	AO		Task	Ferry		
Raptor 1		Training	4x F-16C	132.75	21/84	156X
	AO		Task	Ferry		
Raptor 2		Training	4x F-16C	134.0	21/84	156X
	AO		Task	Ferry		

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	
P	R	E	C	I	O	U	S	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	EUBR	KMH	AIN	VX	QG	TLC	WY	JO	PF	SD
B	AWPR	XOC	VYI	QK	LT	BHU	FG	NM	ES	DJ
C	GFYE	CVX	USK	ND	ML	QBH	AT	RO	IJ	PW
D	KETI	PHR	DVS	GQ	XM	BNA	UY	FJ	LO	CW
E	XVTS	HPY	ADJ	NI	WB	LMO	RE	CF	KU	GQ
F	PMQL	VYK	XFU	BS	GC	ENI	WD	AR	TO	HJ
G	OUPM	YLG	JNB	WE	KV	FCD	HS	TQ	XI	AR
H	WVJQ	OMS	UDR	CT	IA	NKX	EH	PL	FY	BG
I	NIOC	GQV	WJU	FK	HM	YAT	BE	RL	DP	XS
J	QSLN	MGP	JKU	EA	TO	DIR	VB	XY	HW	FC
K	FNBP	ELM	OHR	YU	AX	GVS	QJ	WC	IT	KD
L	MHQU	GKD	VFL	IA	YW	OCJ	NR	ST	PX	BE
M	RQYV	STL	OEB	XF	KH	UCM	AD	JG	NW	PI
N	PEWF	MDI	AQN	OU	RX	VYJ	CT	KL	HG	BS
O	KSLB	REC	WFN	DY	QT	XIH	AU	PM	OG	JV
P	RFCG	DON	PEA	VM	QK	IJH	BL	SX	WU	TY
Q	FAOC	XEQ	WGR	SB	ND	KMI	JY	UT	LP	HV
R	HDKS	VRM	TAL	CQ	JE	YGO	FW	UX	NI	PB
S	MQIL	VDA	WHT	UF	NG	BER	JY	XK	PS	OC
T	JGMY	WKT	CLX	VH	UO	ESD	QN	BR	IP	AF
U	ODRH	SUE	IWT	AX	KG	VYC	FB	NP	QJ	LM
V	LVWQ	UTC	AMI	KO	GR	YFE	HP	SB	NX	JD
W	MVLW	OKU	QNA	GT	FX	CHP	RB	EI	JS	DY
X	BYMT	PXE	RFO	NA	IV	QGL	KJ	DH	SU	CW
Y	NCGS	EBJ	VPL	KR	QW	TAM	UI	HD	FO	YX

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

- ATIS
270.100
- NELLIS GROUND
275.800
- NELLIS TOWER
327.000
- NELLIS CONTROL
317.525
- BLACKJACK
377.800



VMC ONLY

**PILOT RESPONSIBLE FOR
TERRAIN AVOIDANCE**



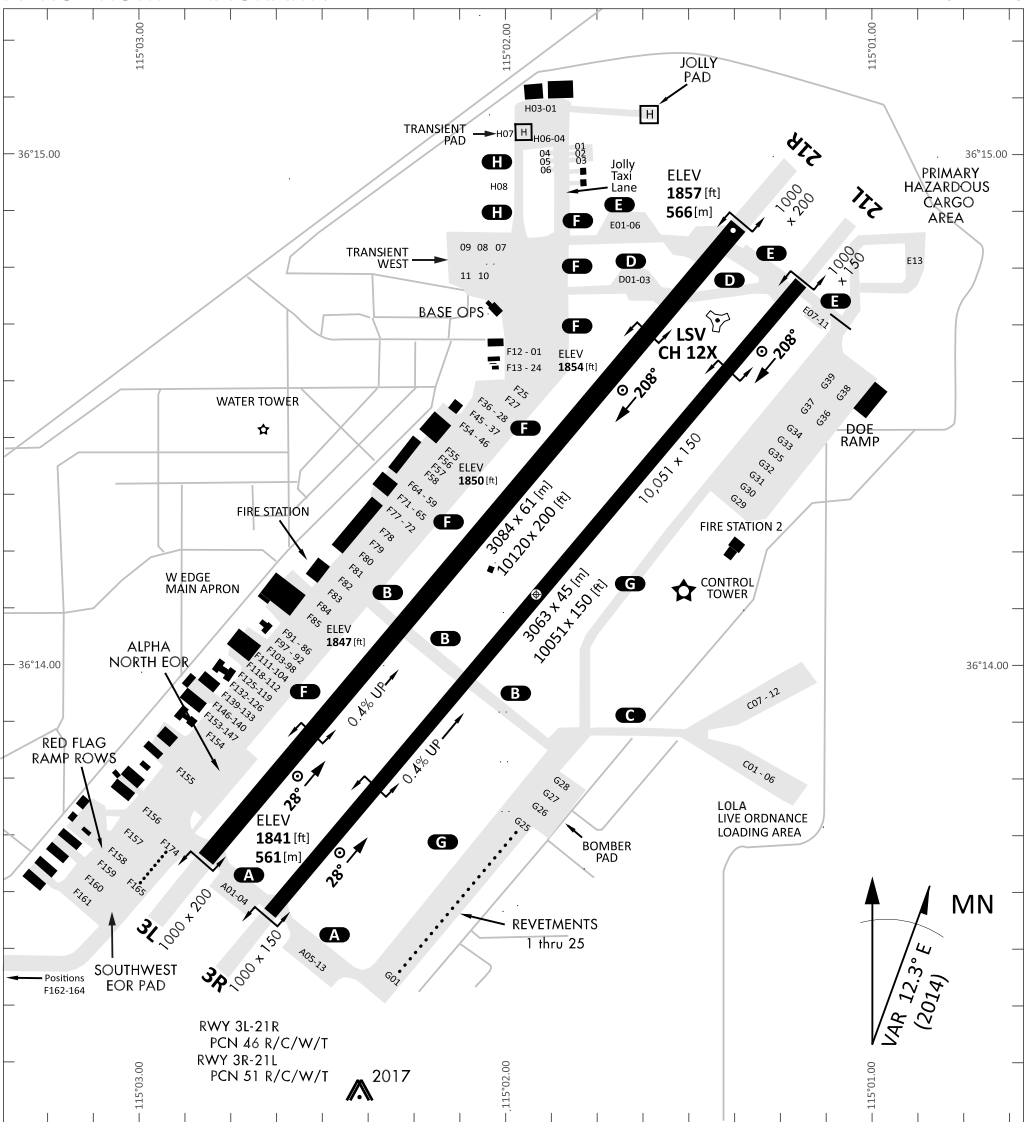
APPROACH ROUTE DESCRIPTION

OVERHEAD

Cross ARCOE at or above 15,000 MSL, then heading 165° to APEX.
Cross APEX at or above 4,500 MSL, report to tower.
Cross PHINN (LSV 027/5) at 4,000 MSL then descend to 3,500 MSL for Initial.

VFR STRAIGHT IN RWY 21

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



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



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 294 °	Rwy Idg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)

* MISSED APPROACH: Direct INS then outbound INS t8:2#DME climbing to 10,000.

NELLIS CON -	INDIAN SPRINGS TOWER 118.30 1360.60	GND CON -
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NOT FOR CIVIL USE

