

MISSION DATA CARD						
OPORD		Callsign	Mission	Date/Time		
1884/2023		Cougar 1	Training	012000MAY23		
Task	Fam Flight & AAR					Freq
AO	NTTR					261.25
Departure			Recovery			
FYTTR LOW			STRYK			
#	Callsign	Pilot	IFF	TCN	LSR	NET
-1	Cougar 1-1	Striver	1111	21Y	1561	
-2	Cougar 1-2	Bane	1112	84Y	1562	
-3	Cougar 1-3	Repsus/Lempo	1113	84X	1563	

LOADOUT			
A/A	C9M	GUN	100% HEI
A/G		CHF	140
POD	AT50	FLR	60
TKS		FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	16200				

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

SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
ARCO 1	113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - TOSS LGB		
Cowboy 5	Training	4x AH-64D	133.5	21/84		131X
	AO		Task	Masking		

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	
G	L	A	M	O	R	I	Z	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	TCQN	FSM	JXE	GI	RV	WOD	UY	BH	AL	KP
B	SRCD	IPG	YQL	WU	EN	XMJ	OK	FH	VA	BT
C	WSYU	ENM	PQV	XA	RJ	BFH	GK	CL	IO	TD
D	WLHN	PXE	MFA	RQ	TK	GBC	SJ	ID	UY	VO
E	BXCH	QAP	ERJ	LW	NV	MOS	IK	UF	TG	YD
F	TDCI	HJO	QVL	MK	YE	APG	FB	SW	XN	RU
G	BTAU	ICF	KJM	SX	DN	GLH	YO	EW	RV	QP
H	YQPF	VJH	SRM	DW	NI	KGX	LT	OE	CA	UB
I	LAFV	UEQ	SPT	IB	DW	KNX	GO	RC	YJ	HM
J	IDTP	QAV	RGB	CH	UX	KSM	OL	JN	FY	WE
K	MVLQ	NET	YWX	CH	SD	GIA	BF	RU	JK	PO
L	GKYT	VQF	OMN	EA	SW	RXI	BJ	LU	HD	PC
M	SRUT	CEG	IQB	WF	JM	DYX	VK	HN	AO	LP
N	YUDQ	SBL	EPT	MX	HO	AIV	WG	FR	KN	CJ
O	FWVO	BSN	CQJ	EK	AX	TYP	MR	GD	UH	IL
P	GPWD	MBE	JLS	IH	UK	NXA	FV	RY	TC	OQ
Q	SMVQ	JGD	CPY	RW	IU	AFL	BN	HK	TE	OX
R	AVQF	JEN	XGS	LH	IC	YRP	WK	DU	OM	BT
S	QOHL	YTP	XEI	UF	WB	NVM	JA	GS	CD	RK
T	WKQX	DVM	CEH	LR	AS	NPG	OU	YI	JF	TB
U	JWXI	DOK	ATG	UE	PY	NVR	HQ	MS	FC	BL
V	YPFB	NJU	VAT	MG	WD	HCL	IK	XE	SO	RQ
W	GVOK	YXF	IWU	JQ	DA	EPM	HT	NB	RC	LS
X	VFSD	EOW	ARX	PT	CK	IGH	MN	BQ	LJ	UY
Y	XMIC	OBQ	LPD	NR	AY	EFG	HS	TJ	UW	KV

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 1:35'500
	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

VAR 12.3°E

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

T

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

v.15 13NOV20



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.