

## UPDATED: VoiceAttack Acceptable Phrase(s) for AI ATC Nellis/NTTR 2.0:

Legend: "{CS}" = Your Callsign; "from/at" = Either/Or words; "[from/at]" = Optional words

### \*What's NEW?\*:

- Traffic calls and responses in Tower's Traffic Pattern,
- Precision Approach Radar (PAR) approach
- F-16 Simulated Flame-Out (SFO) pattern
- UNRESTRICTED/"Quick" CLIMB
- Some verbal tweaks
- "Set Callsign" procedure

(You must now **set/reset** your desired **callsign** (from the list of 20 callsigns below) at the very beginning of your flight using the phrase "Set Callsign", (e.g. "Set Callsign, Dragn 41") will cause VoiceAttack (VA) AND AI\_ATC to recognize your selected {CS} after the automatic VA Profile RESET.

### =====VoiceAttack Background=====

Using VoiceAttack (VA) with AI\_ATC automates the normally manually selected Function Key (F-key) sequence used in AI\_ATC. Doing this using VA replicates, or "simulates", Military (style) UHF Radio Communications and is a great training tool in learning how to communicate over the radio.

Because VA has certain limitations, and because AI\_ATC is only a "Pseudo-AI", it is NOT entirely possible to be able to include every possible variation in radio communication phraseology, although we come pretty close! VoiceAttack is listening for the **Agency** you are calling **First**, Your **Callsign 2nd**, then **KEY WORDS** in your message **last**.

### =====SET CALLSIGN ROUTINE=====

#### UHF RADIO PRESET:

**(PRESET: Ch-1)** "Set Callsign, {your desired CS here}"

NOTE: Due to certain limitations, AI\_ATC currently has 30 usable Callsigns {CS} (but working on 70 CS) which are...

<u>BlueFOR:</u>	<u>RedFOR:</u>	<u>Group-3</u>	<u>Group-4</u>	<u>Group-5</u>	<u>Group-6</u>	<u>Group-7</u>
Aspen 11	Mig-11	Sniper	Simca	Sundowner	Hammer	Phantom
Chaos 21	Stalin-21	Rage	Comet	Camelot	Voodoo	Bogey
Cylon 31	Flanker-31	Venom	Razor	Witchita	Wildman	Wolf
Dragon 41	Flogger-41	Jedi	Digger	Dog	Ugly	Vixen
Gunfighter 51	Fulcrum-51	Sting	Sabre	Lion	Gunstar	Cargo
Nightmare 61	Ivan-61	Snake	Pirate	Tomcat	Felix	Warrior
Eagle 71	Grape-71	Heavy	Cannon	Retro	Gypsy	Anvil
Viper 81	Strelka-81	Raygun	Buckshot	Ghostrider	Black	Apache
Hornet 91	Skalpel-91	Cupcake	Maple	Dealer	Knight	Hawg
Slayer 01	Rapier-01	Hawk	Hellcat	Dagger	Black Knight	Boar

Also, each time "Set Callsign" is invoked, the VoiceAttack Profile will RESET itself which can take **upwards of 1 minute** (possibly more?) and VA will be unable to respond or be used until the RESET is completed.

### =====CLEARANCE DELIVERY (Ch-2):=====

**NOTE:** You MUST Read-Back your SQUAWK Code (at a minimum) to progress past Clearance Delivery. e.g.

"Dragon 41, Squawk 3001" (minimum readback)

Clearance [Delivery], {CS}, Clearance On Request, [IFR], DREAM-7 / FYTTR-7 / MORMON MESA 8

Clearance [Delivery], {CS}, Clearance On Request, [VFR], FLEX North / FLEX West / FLEX 3M

(Readback Clearance) {CS}, Squawk XXXX

=====GROUND CONTROL (Ch-3):=====

[Nellis] **GROUND**, {CS} , Start

, Engine Start

, Request Engine Start

, Taxi

, Request Taxi

, Taxi Takeoff

, Taxi for Takeoff

, Request Taxi for Takeoff

, Taxi with the numbers (means you have ATIS Information)

(after Landing)

, Holding Short

, Request Taxi to Park

, Taxi to Park

, Taxi Park

[Nellis] GROUND, Say Again?

(Repeat last transmission)

=====NELLIS TOWER (Ch-4): Departing=====

[Nellis] **TOWER**, {CS} , Holding Short

,[is] Ready

, Takeoff

,[is] Ready for Takeoff

,[is] Number 1

,[is] In sequence

[Nellis] **TOWER**, Say Again?

{Repeat Last Transmission}

=====DEPARTURE CONTROL (Ch-5): =====

[Nellis] **DEPARTURE**, {CS}, [is] Passing 2000'/2100'/2200'/2300'...10,000'

, [is] Airborne, Passing 2000'/2100'/2200'/2300'...10,000'

,[is] With you, Passing 2000'/2100'/2200'/2300'...10,000'

,Checking in, Passing 2000'/2100'/2200'/2300'...10,000'

(when told to "IDENT") , **IDENT / FLASH**

{Either / Or}

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(Requesting Vector) ,Request Vector, {name of FIX; e.g. JUNNO}

,Request Vector to {name of FIX}

	, Vector to	{name of FIX}
(When told to	, is	{name of FIX; e.g. JUNNO}
<u>"Report [FIX]"</u> )	, at	{name of FIX}
	, Reporting	{name of FIX}

(Early RTB?) ,Request back to Approach  
 ,Request Approach  
 ,Back to Approach  
 ,Request RTB  
 ,RTB

[Nellis] **DEPARTURE**, Say Again? {Repeat Last Transmission}

===== **BLACKJACK CONTROL (Ch-16):** =====

**BLACKJACK**, {CS}, Flight Level-180 / -200 / -220, Request Gate-X (X=1/2/3/4/Sarah/Nixon)  
 , Is up on frequency, Request Gate-X  
 , On frequency, Request Gate-X  
 , With-you, [Request] Gate-X  
 ,Checking-in, [Request] Gate-X

(when requesting , Request Vectors {FIX or TANKER}  
Vectors) , Vector to {FIX or TANKER}  
 , Request Vector to {FIX or TANKER}

(When checking-out with Blackjack)  
 , is RTB from Gate-X  
 , RTB [at] Gate-X  
 , Checking-out [from/at] Gate-X  
 , Departing [from/at] Gate-X  
 , Exiting [from/at] Gate-X

**BLACKJACK**, Say Again?

===== **NATCF SALLY (Ch-7) / LEE (Ch-8)** =====

(Pronounced "Nat-Siff"; NOTE: You **MUST** identify either **IFR** or **VFR** Recovery)

[NATCF] **SALLY / LEE**, {CS} , [is] RTB, **IFR / VFR**, [from/at] Gate-X ( X = 1, 2, 3, 4,  
 , RTB, **IFR / VFR**, Gate-X  
 , Checking-out, **IFR / VFR**, Gate-X  
 , Departing, **IFR / VFR**, Gate-X  
 , Exiting, **IFR / VFR**, Gate-X

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(Requesting Vector to:)----- ( SALLY / LEE )
                                , Request Vector to:-- Gate 3/4 / -- Gate 1/2
                                -- DREAM / -- ELKXX
                                -- ARCOE / -- MOOSE
                                / -- ACTON
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[NATCF] **SALLY / LEE**, Say Again?

=====NELNIS ARRIVAL/APPROACH CONTROL (Ch-6):=====

**(Checking In)**

[Nellis] **APPROACH**, {CS} , RTB, IFR / VFR [Recovery] ----- (If RTB Early, from Departure)

- , is RTB
- , With you
- , Checking-in
- , Flight Level 180 / 200 / 220
- , [is] Missed Approach (From Instrument Approach)
- , [is] Executing the Missed Approach (From Instrument Approach)

, Heading 300, Climbing to 6000 ----- (Returning Back To Radar /

**Approach from Tower)**

(when asked "Say Intentions")

- , Cancel IFR
- , Request Cancel
- , Request Cancel IFR
- , Request Back with Tower
- , Request Back **to** Tower
- , Back with Tower
- , Back **to** Tower
- , [Request] VFR with Tower
- , Request IFR Pickup (During a VFR Recovery )

(when Reporting the FIX)

, is {FIX name; e.g. ARCOE}  
 , at {FIX name}  
 , Reporting {FIX name}

## INSTRUMENT APPROACHES

- , Request PAR / GCA [Approach] (Also Called "**Talk-Down**")
- , Request Vectors PAR / GCA [Approach]
- , Request ILS
- , Request Vectors ILS

, Request ILS Approach  
 , Request Vectors ILS [Approach]  
 , [Request][Vectors] ILS Final  
 , Request LOCALIZER  
 , Request Vectors LOCALIZER  
 , Request LOCALIZER Approach  
 , Request Vectors LOCALIZER [Approach]  
 , [Request][Vectors] LOCALIZER Final  
 , Request TACAN  
 , Request Vectors TACAN  
 , Request TACAN Approach  
 , Request Vectors TACAN [Approach]  
 , [Request][Vectors] TACAN Final  
  
 , is Missed Approach (From Instrument Approach)  
 , Missed Approach (From Instrument Approach)  
 , is Missed (From Instrument Approach)

===== **APPROACH CNTL: Ground Controlled Approach (GCA)** =====  
 (For **PRECISION APPROACH RADAR (PAR)** Approaches)

**(Checking In)**

[Nellis] **GCA**, {CS}, [is] on freq  
 , [is] on frequency  
 , [is] up on freq  
 , [is] up on frequency

(Cancelling) , Cancel  
 , Cancel IFR

When you have the runway in sight, only say – “**Runway In Sight**”

[Nellis] **GCA**, {CS}, [Request] Stay with TOWER  
 , Request Closed [Pattern]  
 , [Request] Back to Radar / Approach  
 , Request FLEX / DUCK (VFR Entry Points)  
 , [is] Full Stop [Landing]  
 , [is] Missed  
 , [is] Missed Approach

[Nellis] **TOWER**, {CS}, is X miles North / North East / East / South East / South / South West / West / North West, Inbound / Enroute To/For [the] **Overhead** / Initial (X = 11 -to- 30 NM)

-----TOWER: **F-16 Simulated Flame-Out (SFO)**-----

-----TOWER: Checking In **From PAR** Approach -----

-----TOWER: Going MISSED APPROACH -----

-----TOWER: Reporting Pattern Position-----

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	, 5 mile INITIAL	(Overhead / INITIAL Approach)
(When told to		
“Report Base”)	, [Left/Right] Base, Gear [Down] , [Full] Stop	
	,	, Touch [& Go]
	,	, Low Approach
	,	, [the] Option

-----TOWER: When TOWER gives you **traffic calls**-----

, In Slight  
 , Has Traffic  
 , Has Traffic In slight  
 , Tally Ho!  
 , Tally Traffic  
 , Tally Ho Traffic  
 , Contact, Traffic  
 , [is / has] Visual Contact  
 , [is / has] Visual Contact on Traffic  
 , [is / has] Visual  
 , [is / has] Visual on Traffic

, [is] No Joy  
 , [is] No Joy traffic  
 , [is] No Joy on Traffic  
 , [is] Negative Traffic  
 , [is] Negative Contact Traffic  
 , [is] Negative Contact with / on Traffic

[Nellis] **TOWER**, Say Again?

=====READ-BACKS / ACKNOWLEDGEMENTS (Optional)=====

Begin your Acknowledgments/Readbacks with only your Call-Sign first, not the Agency you are calling.

{CS} ,	(Saying only your <b>Callsign</b> to <b>Ack</b> )
{CS}, Roger	
, Wilco	
, Roger Wilco	
, Copy	

, [Cleared] [for] Takeoff  
 , Switching (Changing Frequency)  
 , Flight Level 180 / 200 / 220, DREAM-7 / FYTTR-7 / MORMON MESA 8 (On **Departure**)  
 , Heading XXX  
 , Heading XXX, 6000' / 5000' (During IFR Recovery)  
 , Heading XXX, 10,000' / 15,000' (From **Missed Approach** Procedure)  
 , Heading 300, 6000' (Vectors around **Radar Pattern**)  
 , Heading 030, 10,000' (Vectors around **Radar Pattern**)  
 , Heading 120, 5000' (From **Radar Pattern / Instrmnt Aprch**)  
 , Heading 180, 4200 / 4400' Until established, Cleared Approach (From **Radar Pattern**)  
 , [Cleared] [to] Land / Touch [& Go] / Low Approach / [the] Option