

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
- 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!

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

UHF RADIO PRESET:

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

NOTE: Due to certain limitations, AI_ATC has 20 Acceptable Callsigns {CS} which are...

<u>BlueFOR:</u>	<u>RedFOR:</u>
"Aspen 11"	"Mig-11"
"Chaos 21"	"Stalin-21"
"Cylon 31"	"Flanker-31"
"Dragon 41"	"Flogger-41"
"Gunfighter 51"	"Fulcrum-51"
"Nightmare 61"	"Ivan-61"
"Eagle 71"	"Grape-71"
"Viper 81"	"Strelka-81"
"Hornet 91"	"Skalpel-91"
"Slayer 01"	"Rapier-01"

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}

(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}

"Report [FIX]" , 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 Vectors) , Request Vectors {FIX or TANKER}
, 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

(Requesting **Vector to:**)----- (**SALLY** / **LEE**)
, Request Vector to:-- Gate 3/4 / -- Gate 1/2
-- DREAM / -- ELKXX
-- ARCOE / -- MOOSE
/ -- ACTON

[NATCF] **SALLY / LEE**, Say Again?

===== **NELLIS 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 (Ch-4): Arrivals/Pattern Ops** =====

[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)

[Nellis] **TOWER**, {CS}, Request Straight-in
 , Request the Overhead
 , Request Initial
 , Request FLEX / DUCK (VFR Entry Point)
 , Request Closed [Pattern]
 , Request Back to Radar / Approach
 , Request Departure

(Checking In **From PAR** Approach)

, [is] on freq

, [is] on frequency
, [is] up on frequency
, [is] Landing Roll
, [is] Rolling Out

, Missed (From Instrument Approach)
, Missed Approach
, [is] Missed [Approach]
, [is] Executing the Missed Approach

(When told to , 5 miles (VFR Straight-in -or- Instrument Aprch)
"Report 5 miles" , 5 miles, Gear-Down (VFR Straight-in -or- Instrument Aprch)
OR "Report , 5 miles, Gear-Down, Option (VFR Straight-in -or- Instrument Aprch)
5 mi INITIAL") , [is] INITIAL (Overhead / INITIAL Approach)
, 5 mile INITIAL (Overhead / INITIAL Approach)

(When told to
"Report Base") , [Left/Right] Base, Gear [Down] , [Full] Stop
, , Touch [& Go]
, , Low Approach
, , [the] Option

(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 Callsign to Ack)
{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 / Instmnt Aprch)
, Heading 180, 4200 / 4400' Until established, Cleared Approach	(From Radar Pattern)
, [Cleared] [to] Land / Touch [& Go] / Low Approach / [the] Option	