DCS AH-64D Apache Voice Attack by Bailey

Intro

Hello and welcome to Bailey's VoiceAttack Profile for the DCS AH-64D Apache! Thank you for taking a look. This VoiceAttack Profile (VAP) uses keybinds to make your voice commands into cockpit and AI actions. Take your time, learn the aircraft, and use the voice commands that you want to use to supplement how you fly. With use, this VAP will be second nature. There are over 300,000 ways to say the commands in this profile. Use the ones that feel most comfortable to you. You can use VA as much or as little as you like. Good luck!

How to Install

1. Extract the file you downloaded with your personal flavor of zip software (winzip, winrar, etc.).
2. Open Voice Attack and Import the file called 'Bailey AH-64D Apache vX.vap'. The 'X' denotes the version number. The higher the number, the more recent the version.
3. Start DCS and import the three sets of keybinds:
    a. Go to the Control Options menu
    b. Select "AH-64D Pilot" from the dropdown
    c. Single click any entry in the "Keyboard" column
    d. Click the "Load Profile" button along the top of the menu
    e. Find and select the "AH-64D Pilot Keyboard.diff.lua" file. You may have to check the "Folder Browser" button to easily navigate to it. Click OK.
    f. Repeat steps 3a through 3e for the "AH-64D George AI Helper" and "AH-64D CP/G" dropdown sections, selecting the appropriately named diff.lua files.
4. Yay! You did it! You are ready to ~~fly~~ read the rest of the readme!

How to understand VoiceAttack and this VA Profile

To get the full benefit and understanding of this VAP, you will need to know how commands are made and written in VoiceAttack. Please search for and read the "Dynamic command sections" in the VoiceAttack program readme. Sure, you can use this profile without having read it, but you will get so much more out of it if you do! From this point forward, I will assume you have read the page or two of information about dynamic command sections. If you want to use this VAP with another VAP, take a look at "Global Profiles" in the readme too. There are times when a switch or button in DCS may not have discrete ON or OFF keybinds. In these cases, use common sense when you say, "APU toggle", "APU Off", or "APU On", for example. This VA profile does not directly track the state of your switches (or anything for that matter) in DCS. Please use common sense. You need the Paid version of Voice Attack for this profile. Please train your speech recognition at least 3 times for best results when using this profile.
Note: Saying "Abort abort abort" will stop all VA commands.

Crew Chief Commands

These commands can be used on the ground while at a friendly airport:

Chief, request rearm and refuel	Chief, start the bird	Chief, let's get this party started

DCS Radio Commands
Use these commands to bring up the comms menu. Say "Comms" to bring up the comms menu.
Then say any F-key to start navigating:
Comms; Ground comms
F10 Comms
[F1..F12]

Aircraft Radio Commands
Use these commands to manipulate the radios. Frequencies with more significant digits have
been included, but disabled for general performance. If you would like to use them you can
simply enable their "When I say" checkbox in the profile.
Tune ADF frequency [100..2199]
Tune frequency [30..87] [point; decimal] [0..9]
Tune frequency [30..87] [point; decimal] [0..9] fm two
Tune frequency [108..151] [point; decimal] [0..9]
Tune frequency [225..399] [point; decimal] [0..9]
Radio menu
Next radio
Previous radio
Select radio preset [1..10]
IDM [up; down]
WCA [up; down]
RTS [up; down]

Kneeboard Commands
Use these commands to, well, command the kneeboard:
kneeboard [Show; hide; toggle;]
kneeboard [next; previous] page
kneeboard mark
kneeboard glance
kneeboard where are we

Weapon Commands
Use these commands to manage your weapons. The "give me" commands are designed to get
you ready to fire your desired weapon. All you will have to remember to do is have the master
arm on and fire! You will have to add CPG or Pilot at the end according to which seat you are in.
give me guns [pilot; cpg]
give me rockets [pilot; cpg]
give me missiles [pilot; cpg]

KU Press Commands

You can use these commands to press the various individual buttons on the Keyboard Unit:

Press KU [0..9]; Press KU [a..z]

Press KU backspace

Press KU Clear

Press KU Dash

Press KU Dot

Press KU Enter

Press KU Left; Right

Press KU [Plus; Divide; Times; Minus]

Press KU Plus minus

Press KU Slash

Press KU Space

MPD Press Commands

You can use these commands to press the various MPD buttons. Left and Right refer to their respective MPDs. Bottom, Top, Left, and Right are B, T, L, and R, respectively. One thru six is the 1st to 6th button. Saying "Press" is optional:

B [1..6] [left; right]

T [1..6] [left; right]

L [1..6] [left; right]

R [1..6] [left; right]

Countermeasure Utility Commands

These three commands allow you to set the aircrafts countermeasures. I recommend using these after startup. VA will remember your settings even after you exit VA or DCS.

"Edit countermeasures" or "Configure countermeasures" - Starts the Countermeasure Utility. A Voice Attack Menu will appear and ask you for the four countermeasure settings.

"Display countermeasure settings" - VA will show you what countermeasure settings it has stored in its command box.

"Load Countermeasures" - Loads your countermeasure settings into the aircraft using a macro.

CPG (Copilot Gunner) Commands

These commands are specifically for when you are in the front seat.

Acquisition source coord	Acquisition source fixed	Acquisition source gunner
Acquisition source pilot	Acquisition source seeker	Select [HMD; TADS]
Sight [slave; deslave]	Slave to [coord; fixed]	Slave to [gunner; seeker]
Slave to [pilot; TADS]	TADS zoom [wide; one]	TADS zoom [medium; two]
TADS zoom [narrow; three]	TADS zoom [zoom; four]	

Coordinate Commands

You can load coordinates into the aircraft. How cool?!? Very. Make sure to do the Training mission in DCS to understand the entry requirements. You can practice in a Free Flight Mission and refer to the kneeboard in that mission, such as "AH-64D Runway Start".This system uses the military phonetic alphabet for the letters (googleable).

For example, if you wanted to enter the following information into the aircraft:

TSD Data

Type	IDENT	FREE	MGRS	ALT	RMKS
CM	AG	GKU	KM 9197 7257	148 ft	UGKO/Kutaisi AB

You would say:
"Type Carlie Mike"
"Ident Alpha Golf"
"Free Golf Kilo Uniform"
"Grid Kilo Mike"
"East 9197"
"North 7257"
"Altitude 148"
"Enter coordinates now"

You will get a confirmation beep when VA recognises your entry. You can check what Voice Attack has recognized by saying any of the below commands. You will see a text readout in the VA command window too:
display coordinate information
what are the [coordinates; coords]
readback [the;] [coordinates; coords]
Readback
repeat back
repeat back [the;] [coordinates; coords]

Tip: If you want the Altitude to remain at the default setting that the KU sets, instead of giving it an altitude, just say "Altitude default".

Tip: Each individual part of the entry is saved individually. This means that if you want to enter an entry that is mostly similar to the one you just did, you only need to say the items which are different. This typically includes the "Free", "North", and "East".

George AI Commands

These commands control the Apache AI known as George. Use George with caution and always be ready to take the controls. Remember, George is controlled via keybinds in DCS. If you say the wrong thing at the wrong time, he may do something odd or just ignore you. Remember, all of these commands start with "George". Saying "Hey George" or "Yo George" will toggle the George AI menu.

Yo george; hey george	George [left; right; up; down] long	George [left; right; up; down] short
George [0; 40; 70; 90; 120; max] knots	George Max speed	George [Hover; Stop]
George Next [flight;] mode	George [Designate turn; go there; turn on me]	George Align heading to TADS
George Break 180	George Break [90;] [left; right]	George [Toggle cmws mode; cmws auto; cmws bypass]
George Change [missile; rocket] type	George Change quantity	George Change weapon trajectory
George [translate; slide; go] [left; right; backward; forward] [1..10]	George [Fly direct; fly the route; trust the magenta; become the magenta]	George Altitude [increase; decrease] [10..1000] feet (multiples of 10)
George [Fly slower; slow down]	George [Fly faster; speed up]	George Fly [higher; lower] [1..10]
George Increase; decrease altitude [1..10]	George [Get em; let er rip; fire]	George [Hide; go away]
George [Next target]; Next target	George [Last target; previous target]; Previous target	George Cancel target
George [Fire at will; hold fire]	George Repeat previous search	George [Search; search over there; search same spot]
George [Select target; track target]	George [Toggle cmws; cmws arm; cmws safe]	George Turn [left; right] [1..10]

Page Commands

There are many pages in this aircraft. Here are the ones that you can directly navigate to. Remember to designate which MPD you want it on by saying "Left" or "Right" at the end of the command (some of these are grouped to save space in this readme):

Abbreviation page	Aircraft page; Fuel page	Aircraft util page
Align page	ASE page	ASE util page
Boresight IHADSS page	Boresight page; Coord page	Code page
Comm page; FM page	Perf page	Engine page; Flight page
FCR page	Faults page	Favorites page; Menu page
Weapon page	TSD page	Video page
HF page; UHF page	Instrument page	TADS page; TADS [left; right]

Miscellaneous Commands

These commands have been made for your convenience. Here you can also find inspiration for commands of your own!

Chaff mode toggle	Lase and store target	Lase and store waypoint
ADF [toggle; on; off]	APU [toggle; on; off]	APU [start; stop]
APU Cover [toggle; open]	APU Cover [close; up; down]	Toggle all labels
Briefing [show; hide]	CMWS on	Door [toggle; open; close]
Direct waypoint [whiskey; charlie; tango; hotel] [0..5] [0..9]	Set laser code [1; 2; 4; 5] [1..8] [1..8] [1..8] [a..r;] (no I or O)	Manual range [100..5000] meters;] [left; right] (Multiple of 100)
Start engine [1; 2]	Flashlight [toggle; on; off]	Tailwheel [toggle; on; off]
IHADSS toggle; show; hide; stow; unstow; on; off]	[I; you] have controls; my controls	Emergency jettison now now now
Ground override [toggle; on;off]	Swap [freqs; frequency; frequencies]	Master [caution; warning] silence
Master ignition battery	[Master; alarm] silence	Parking brake [toggle; on; off]
Power lever [1; 2] [fly; idle]	Release [chaff; flare]	Master arm [toggle; on; off]
Manual range auto [left; right]	[pilot; copilot; back; front] seat	Boresight Now [left; right]

Outro
That's about it for now. For those savvy Voice Attackers, there are some treats for you in the .VAP. For those who aren't as savvy, just use what you got, and you'll be fine! Thank you for downloading my VoiceAttack profile and I am sure we all look forward to what DCS will have in store for us! Feel free to contact me on Discord (Bailey#6230) or the ED forums (Bailey). Remember that comments, questions, critiques, and requests are always welcome! If you need assistance with something, please take the time to troubleshoot as much as you can using this readme and the Voice Attack Help Readme. I am glad to help, but the time I have to do so is not limited. Help me help you and gather as much info as you can. Images, screenshots, and short videos can help portray the issue. I look forward to being able to update this VAP alongside the development of the DCS AH-64D as much as I can.

~Bailey
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DCS Version: 2.7.11.21408.1

- If you are feeling charitable, please feel free to donate. All donations go to paying for DCS modules to support even more free DCS mods, just like this one! Thank you to all who have donated to make these Voice Attack profiles and mods possible. https://www.paypal.me/asherao
- Join Bailey's VoiceAttack Discord here: https://discord.gg/PbYgC5e
- Download Voice Attack here: https://voiceattack.com/
- Talk about this Voice Attack and others here:
https://forums.eagle.ru/showthread.php?t=242416
- More of my VoiceAttack Profiles and other DCS mods here:
https://www.digitalcombatsimulator.com/en/files/filter/user-is-baileywa/apply/?PER_PAGE=100

Version Notes:
v1
- Initial Release
- Crew Chief Commands
- DCS Radio Commands
- Aircraft Radio Commands
- Kneeboard Commands
- Weapons Commands
- KU Press Commands
- MPD Press Commands
- Countermeasure Utility Commands
- Copilot Gunner Commands
- Coordinate Commands
- George AI Commands
- Page Commands
- Miscellaneous Commands