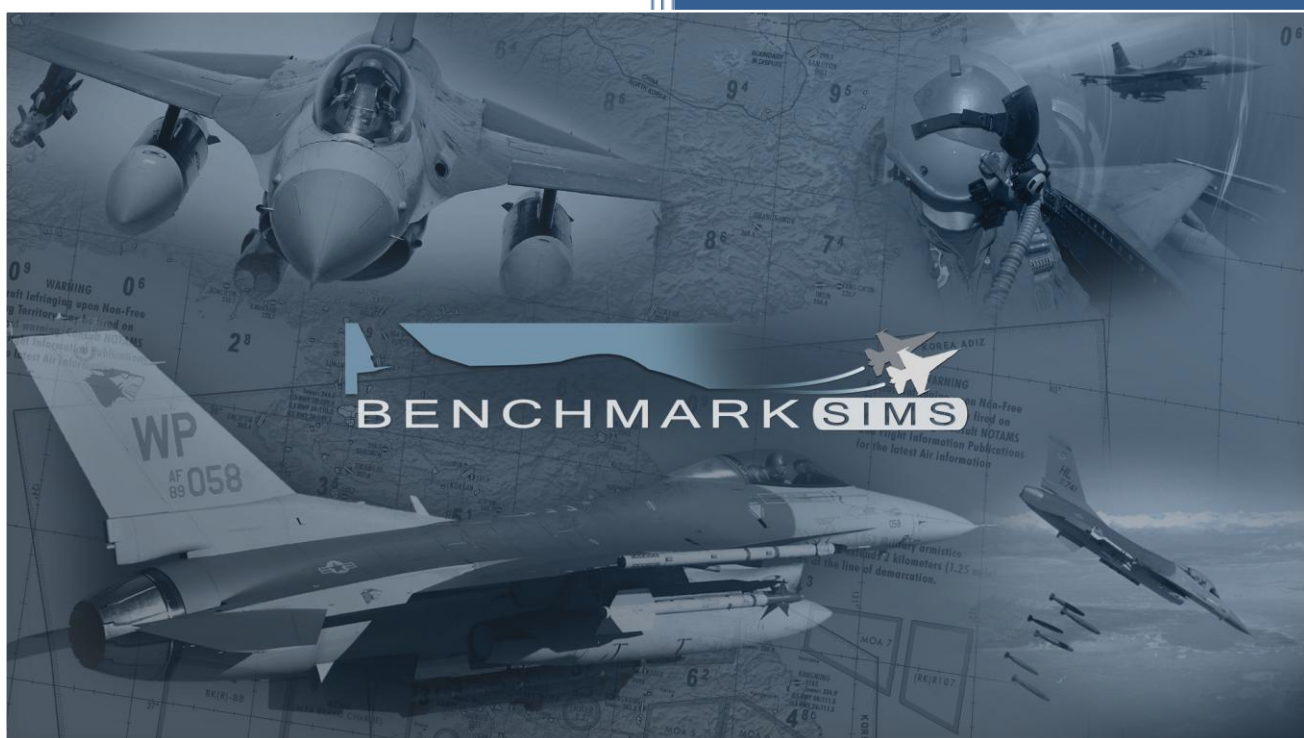# BMS VAC Installation Guide

Editor: KOLBE

Version: BMS 4.34.0

CHANGE 0

01. 2019

1 INTRODUCTION

We provide ready to use VAC profiles. They are kept very simple just to give you a quick start using voice activated commands (VAC) software with Falcon BMS. Of course you can adjust it to your liking.

> File: BMS_VAC_(QWERTY).xml
>
> BMS_VAC_(QWERTZ).xml
>
> BMS_VAC_(AZERTY).xml
>
> Version: v1.0
>
> VAC Software: v3.2.0

As you can see you can chose one of three available profiles depending on your locale. You don't need to save the .xml file to a specific folder. Just import it in VAC Builder (chose VAC Profile (XML) option).
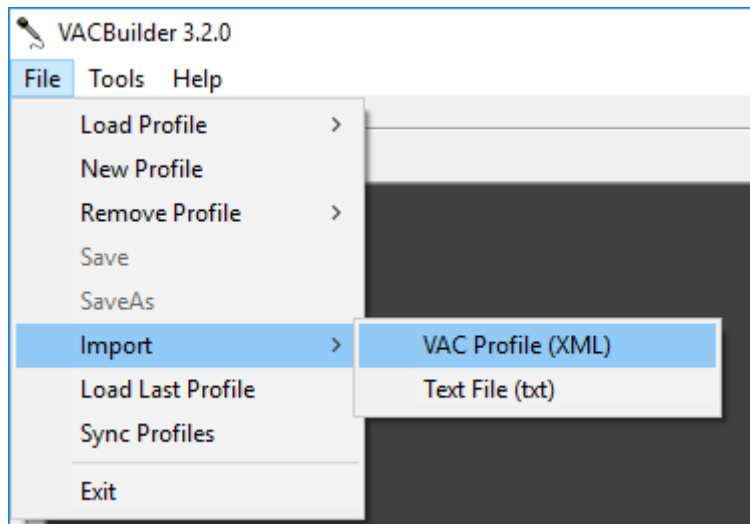
The imported profiles will then be available in "Load Profile". This is also the case in the VAC System program which starts your voice recognition software.
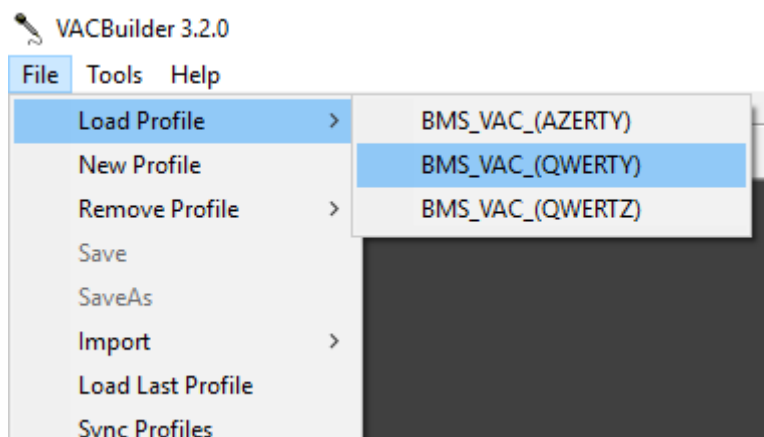
It is assumed that you have at least basic knowledge using the VAC software. For detailed instructions read the integrated help
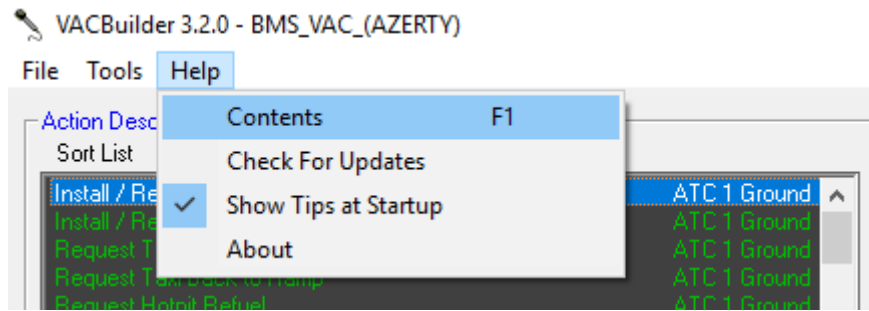
 or visit the software vendors homepage:

> http://www.dwvac.com/

VAC is activated via the key "F8". The activation method is set to "default" which means you have to depress the activation key while speaking the activation phrase. Be advised that there are possible conflicts in case you also use TrackIR.
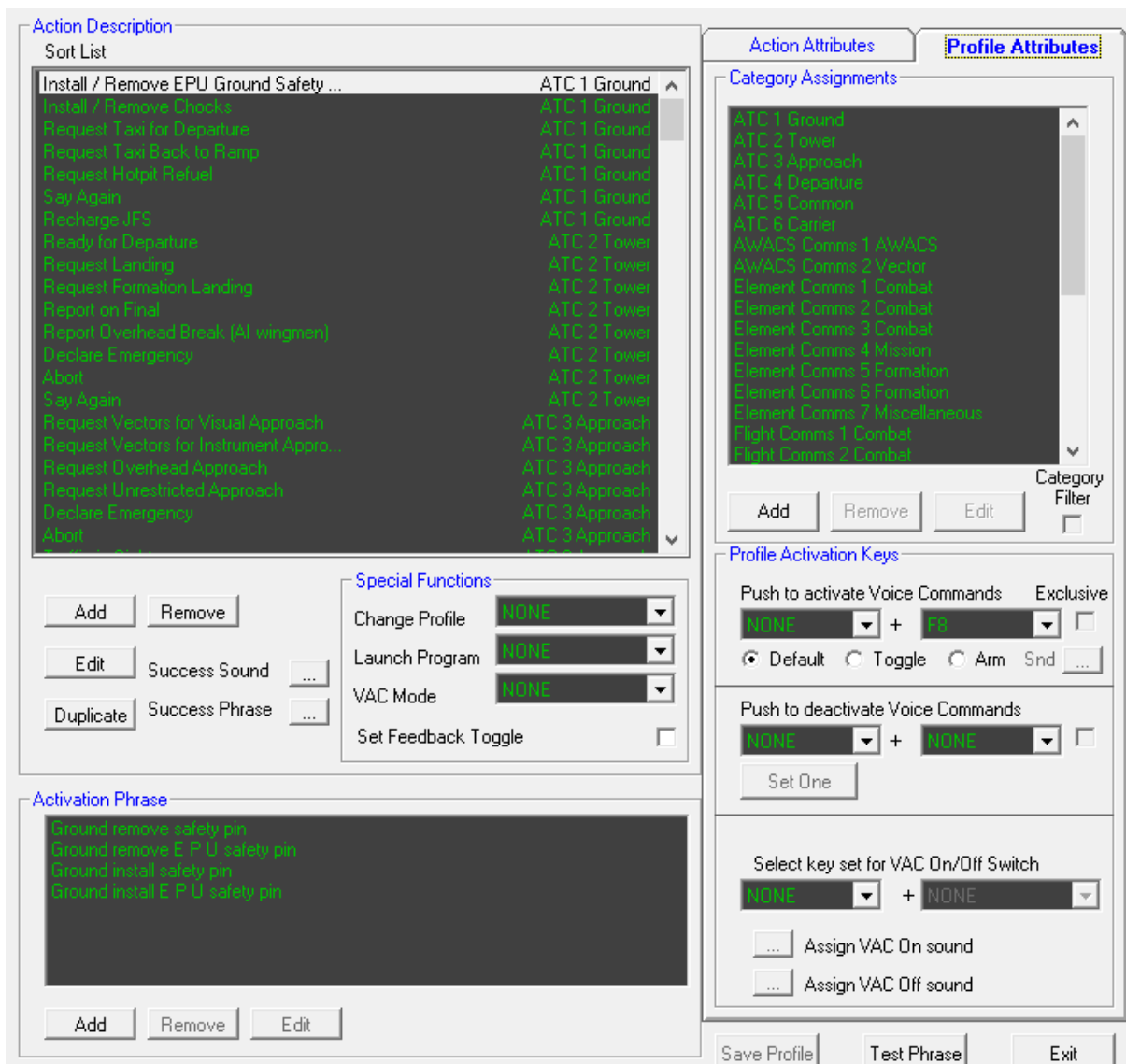
2 COMMAND LIST

Below you find a list of all actions and phrases along with the corresponding QWERTY, QWERTZ and AZERTY keystrokes.

Action: Install / Remove EPU Ground Safety Pin
  QWERTY: t1 | QWERTZ: t1 | AZERTY: t1
  Phrase 1: Ground remove safety pin
  Phrase 2: Ground remove E P U safety pin
  Phrase 3: Chief remove safety pin
  Phrase 4: Chief remove E P U safety pin
  Phrase 5: Remove safety pin
  Phrase 6: Remove E P U safety pin
  Phrase 7: Ground install safety pin
  Phrase 8: Ground install E P U safety pin
  Phrase 9: Chief install safety pin
  Phrase 10: Chief install E P U safety pin
  Phrase 11: Install safety pin
  Phrase 12: Install E P U safety pin

Action: Install / Remove Chocks
  QWERTY: t2 | QWERTZ: t2 | AZERTY: t2
  Phrase 1: Ground remove chocks
  Phrase 2: Ground chocks away
  Phrase 3: Chief remove chocks
  Phrase 4: Chief chocks away
  Phrase 5: Remove chocks
  Phrase 6: Chocks away
  Phrase 7: Ground install chocks
  Phrase 8: Chief install chocks
  Phrase 9: Install chocks

Action: Request Taxi for Departure
  QWERTY: t3 | QWERTZ: t3 | AZERTY: t3
  Phrase 1: Ground request taxi
  Phrase 2: Ground request taxi for departure
  Phrase 3: Request taxi
  Phrase 4: Request taxi for departure

Action: Request Taxi Back to Ramp
  QWERTY: t4 | QWERTZ: t4 | AZERTY: t4
  Phrase 1: Ground request taxi back
  Phrase 2: Ground request taxi back to ramp
  Phrase 3: Ground request taxi to apron
  Phrase 4: Ground request taxi to the apron
  Phrase 5: Request taxi back
  Phrase 6: Request taxi back to ramp
  Phrase 7: Request taxi to apron
  Phrase 8: Request taxi to the apron

Action: Request Hotpit Refuel

QWERTY: t5 | QWERTZ: t5 | AZERTY: t5

Phrase 1: Ground request hotpit refuel

Phrase 2: Request hotpit refuel

Action: Say Again

QWERTY: t6 | QWERTZ: t6 | AZERTY: t6

Phrase 1: Ground repeat

Phrase 2: Ground say again

Phrase 3: Ground repeat last transmission

Action: Recharge JFS

QWERTY: t7 | QWERTZ: t7 | AZERTY: t7

Phrase 1: Ground Recharge JFS

Phrase 2: Chief Recharge JFS

Phrase 3: Recharge JFS

Action: Ready for Departure

QWERTY: tt1 | QWERTZ: tt1 | AZERTY: tt1

Phrase 1: Tower ready for departure

Phrase 2: Tower request early departure

Phrase 3: Tower request rolling takeoff

Phrase 4: Ready for departure

Phrase 5: Request early departure

Phrase 6: Request rolling takeoff

Action: Request Landing

QWERTY: tt2 | QWERTZ: tt2 | AZERTY: tt2

Phrase 1: Tower Request Landing

Phrase 2: Request Landing

Action: Request Formation Landing

QWERTY: tt3 | QWERTZ: tt3 | AZERTY: tt3

Phrase 1: Tower Request Formation Landing

Phrase 2: Request Formation Landing

Action: Report on Final

QWERTY: tt4 | QWERTZ: tt4 | AZERTY: tt4

Phrase 1: Tower on final

Phrase 2: Tower short final

Phrase 3: On final

Phrase 4: Short final

Action: Report Overhead Break (AI wingmen)

QWERTY: tt5 | QWERTZ: tt5 | AZERTY: tt5

Phrase 1: One in the break

Phrase 2: Two in the break

Phrase 3: Three in the break

Phrase 4: Four in the break

Phrase 5: Overhead break

Action: Declare Emergency

QWERTY: tt6 | QWERTZ: tt6 | AZERTY: tt6

Phrase 1: Tower Declaring an Emergency

Phrase 2: Tower request emergency landing

Phrase 3: Tower request priority landing

Action: Abort

QWERTY: tt7 | QWERTZ: tt7 | AZERTY: tt7

Phrase 1: Tower going around

Phrase 2: Tower cancel approach

Phrase 3: Tower aborting approach

Action: Say Again

QWERTY: tt8 | QWERTZ: tt8 | AZERTY: tt8

Phrase 1: Tower repeat

Phrase 2: Tower say again

Phrase 3: Tower repeat last transmission

Action: Request Vectors for Visual Approach

QWERTY: ttt1 | QWERTZ: ttt1 | AZERTY: ttt1

Phrase 1: Approach request visual approach

Phrase 2: Approach request vectors for visual approach

Phrase 3: Request visual approach

Phrase 4: Request vectors for visual approach

Action: Request Vectors for Instrument Approach

QWERTY: ttt2 | QWERTZ: ttt2 | AZERTY: ttt2

Phrase 1: Approach request instrument approach

Phrase 2: Approach request I L S approach

Phrase 3: Approach request tacan approach

Phrase 4: Approach request vectors for instrument approach

Phrase 5: Approach request vectors for I L S approach

Phrase 6: Approach request vectors for tacan approach

Phrase 7: Request vectors for instrument approach

Phrase 8: Request vectors for I L S approach

Phrase 9: Request vectors for tacan approach

Action: Request Overhead Approach

QWERTY: ttt3 | QWERTZ: ttt3 | AZERTY: ttt3

Phrase 1: Approach request overhead break

Phrase 2: Approach request overhead approach

Phrase 3: Request overhead break

Phrase 4: Request overhead approach

Action: Request Unrestricted Approach

QWERTY: ttt4 | QWERTZ: ttt4 | AZERTY: ttt4

Phrase 1: Approach request free approach

Phrase 2: Approach request straight in approach

Phrase 3: Approach request own approach

Phrase 4: Approach request Unrestricted Approach

Phrase 5: Request free approach

Phrase 6: Request straight in approach

Phrase 7: Request own approach

Phrase 8: Request Unrestricted Approach

Action: Declare Emergency

QWERTY: ttt5 | QWERTZ: ttt5 | AZERTY: ttt5

Phrase 1: Approach declaring an emergency

Phrase 2: Approach request emergency landing

Phrase 3: Approach request priority landing

Action: Abort

QWERTY: ttt6 | QWERTZ: ttt6 | AZERTY: ttt6

Phrase 1: Approach going around

Phrase 2: Approach cancel approach

Phrase 3: Approach aborting approach

Action: Traffic in Sight

QWERTY: ttt7 | QWERTZ: ttt7 | AZERTY: ttt7

Phrase 1: Approach traffic in sight

Phrase 2: Approach visual on traffic

Phrase 3: Traffic in sight

Phrase 4: Visual on traffic

Action: Say Again

QWERTY: ttt8 | QWERTZ: ttt8 | AZERTY: ttt8

Phrase 1: Approach repeat

Phrase 2: Approach say again

Phrase 3: Approach repeat last transmission

Action: Report Airborne

QWERTY: tttt1 | QWERTZ: tttt1 | AZERTY: tttt1

Phrase 1: Departure report airborne

Phrase 2: Departure airborne

Phrase 3: Reort airborne

Phrase 4: Airborne

Phrase 5: Airborne request departure

Action: Request QNH

QWERTY: ttttt1 | QWERTZ: ttttt1 | AZERTY: ttttt1

Phrase 1: Tower request QNH

Phrase 2: Request QNH

Action: Request QFE

QWERTY: ttttt2 | QWERTZ: ttttt2 | AZERTY: ttttt2

Phrase 1: Tower request QFE

Phrase 2: Request QFE

Action: Takeoff Runway

QWERTY: ttttt3 | QWERTZ: ttttt3 | AZERTY: ttttt3

Phrase 1: Tower takeoff runway

Phrase 2: Tower say takeoff runway

Phrase 3: Ground takeoff runway

Phrase 4: Ground say takeoff runway

Phrase 5: Request takeoff runway

Action: Landing Runway

QWERTY: ttttt4 | QWERTZ: ttttt4 | AZERTY: ttttt4

Phrase 1: Tower landing runway

Phrase 2: Tower say landing runway

Phrase 3: Ground landing runway

Phrase 4: Ground say landing runway

Phrase 5: Approach landing runway

Phrase 6: Approach say landing runway

Phrase 7: Request landing runway

Action: Request Wind Check

QWERTY: ttttt5 | QWERTZ: ttttt5 | AZERTY: ttttt5

Phrase 1: Tower wind check

Phrase 2: Tower request wind

Phrase 3: Tower say wind

Phrase 4: Wind check

Phrase 5: Request wind

Phrase 6: Say wind

Action: Inbound "Mother"

QWERTY: tttttt1 | QWERTZ: tttttt1 | AZERTY: tttttt1

Phrase 1: Mother Inbound

Phrase 2: Carrier Inbound

Phrase 3: Inbound

Action: Report "See You"

QWERTY: tttttt2 | QWERTZ: tttttt2 | AZERTY: tttttt2

Phrase 1: Mother See You

Phrase 2: Carrier See You

Phrase 3: See you

Action: Report "Platform"

QWERTY: tttttt3 | QWERTZ: tttttt3 | AZERTY: tttttt3

Phrase 1: Mother Platform

Phrase 2: Carrier Platform

Phrase 3: Platform

Action: Call "the Ball"

QWERTY: tttttt4 | QWERTZ: tttttt4 | AZERTY: tttttt4

Phrase 1: Roger ball

Phrase 2: Call the Ball

Action: Report Overhead Break

QWERTY: tttttt5 | QWERTZ: tttttt5 | AZERTY: tttttt5

Phrase 1: Mother in the break

Phrase 2: Carrier in the break

Action: Abort

QWERTY: ttttt6 | QWERTZ: ttttt6 | AZERTY: ttttt6

Phrase 1: Mother Abort Approach

Phrase 2: Carrier Abort Approach

Phrase 3: Mother aborting

Phrase 4: Carrier aborting

Action: Request Picture

QWERTY: q1 | QWERTZ: q1 | AZERTY: a1

Phrase 1: Chalis request picture

Phrase 2: Chalis say picture

Phrase 3: Sentry request picture

Phrase 4: Sentry say picture

Phrase 5: Dragnet request picture

Phrase 6: Dragnet say picture

Phrase 7: Magic request picture

Phrase 8: Magic say picture

Phrase 9: Request picture

Phrase 10: Say picture

Phrase 11: Picture

Action: Declare

QWERTY: q2 | QWERTZ: q2 | AZERTY: a2

Phrase 1: Chalis declare

Phrase 2: Sentry declare

Phrase 3: Dragnet declare

Phrase 4: Magic declare

Phrase 5: Declare

Action: Request Help

QWERTY: q3 | QWERTZ: q3 | AZERTY: a3

Phrase 1: Chalis need help

Phrase 2: Chalis request help

Phrase 3: Sentry need help

Phrase 4: Sentry request help

Phrase 5: Dragnet need help

Phrase 6: Dragnet request help

Phrase 7: Magic need help

Phrase 8: Magic request help

Phrase 9: Need help

Phrase 10: Request help

Action: Wilco

QWERTY: q4 | QWERTZ: q4 | AZERTY: a4

Phrase 1: Chalis wilco

Phrase 2: Sentry wilco

Phrase 3: Dragnet wilco

Phrase 4: Magic wilco

Phrase 5: Wilco

Action: Unable

QWERTY: q5 | QWERTZ: q5 | AZERTY: a5

Phrase 1: Chalis unable

Phrase 2: Sentry unable

Phrase 3: Dragnet unable

Phrase 4: Magic unable

Phrase 5: Unable

Action: Check-In

QWERTY: q6 | QWERTZ: q6 | AZERTY: a6

Phrase 1: Chalis checking in

Phrase 2: Sentry checking in

Phrase 3: Dragnet checking in

Phrase 4: Magic checking in

Phrase 5: Checking in

Action: Check-Out

QWERTY: q7 | QWERTZ: q7 | AZERTY: a7

Phrase 1: Chalis checking out
Phrase 2: Sentry checking out
Phrase 3: Dragnet checking out
Phrase 4: Magic checking out
Phrase 5: Checking out

Action: Request Relief

QWERTY: q8 | QWERTZ: q8 | AZERTY: a8
Phrase 1: Chalis request relief
Phrase 2: Chalis end of slot
Phrase 3: Sentry request relief
Phrase 4: Sentry end of slot
Phrase 5: Dragnet request relief
Phrase 6: Dragnet end of slot
Phrase 7: Magic request relief
Phrase 8: Magic end of slot
Phrase 9: Request relief
Phrase 10: End of slot

Action: Request Rescue Chopper

QWERTY: q9 | QWERTZ: q9 | AZERTY: a9
Phrase 1: Mayday Mayday Mayday
Phrase 2: Chalis request rescue chopper
Phrase 3: Chalis send rescue chopper
Phrase 4: Sentry request rescue chopper
Phrase 5: Sentry send rescue chopper
Phrase 6: Dragnet request rescue chopper
Phrase 7: Dragnet send rescue chopper
Phrase 8: Magic request rescue chopper
Phrase 9: Magic send rescue chopper
Phrase 10: Request rescue chopper
Phrase 11: Send rescue chopper

Action: Vector to Nearest Air Threat

QWERTY: qq1 | QWERTZ: qq1 | AZERTY: aa1
Phrase 1: Chalis vector to threat
Phrase 2: Chalis vector to nearest threat
Phrase 3: Chalis bogey dope
Phrase 4: Sentry vector to threat
Phrase 5: Sentry vector to nearest threat
Phrase 6: Sentry bogey dope
Phrase 7: Dragnet vector to threat
Phrase 8: Dragnet vector to nearest threat
Phrase 9: Dragnet bogey dope
Phrase 10: Magic vector to threat
Phrase 11: Magic vector to nearest threat
Phrase 12: Magic bogey dope
Phrase 13: Vector to threat
Phrase 14: Vector to nearest threat
Phrase 15: Bogey dope

Action: Vector to Target

QWERTY: qq2 | QWERTZ: qq2 | AZERTY: aa2

Phrase 1: Chalis vector to target

Phrase 2: Chalis request vector to target

Phrase 3: Sentry vector to target

Phrase 4: Sentry request vector to target

Phrase 5: Dragnet vector to target

Phrase 6: Dragnet request vector to target

Phrase 7: Magic vector to target

Phrase 8: Magic request vector to target

Phrase 9: Vector to target

Phrase 10: Request vector to target

Action: Vector to Package

QWERTY: qq3 | QWERTZ: qq3 | AZERTY: aa3

Phrase 1: Chalis vector to package

Phrase 2: Chalis request vector to package

Phrase 3: Sentry vector to package

Phrase 4: Sentry request vector to package

Phrase 5: Dragnet vector to package

Phrase 6: Dragnet request vector to package

Phrase 7: Magic vector to package

Phrase 8: Magic request vector to package

Phrase 9: Vector to package

Phrase 10: Request vector to package

Action: Vector to Tanker

QWERTY: qq4 | QWERTZ: qq4 | AZERTY: aa4

Phrase 1: Chalis vector to tanker

Phrase 2: Chalis request vector to tanker

Phrase 3: Sentry vector to tanker

Phrase 4: Sentry request vector to tanker

Phrase 5: Dragnet vector to tanker

Phrase 6: Dragnet request vector to tanker

Phrase 7: Magic vector to tanker

Phrase 8: Magic request vector to tanker

Phrase 9: Vector to tanker

Phrase 10: Request vector to tanker

Action: Vector to Divert Field

QWERTY: qq5 | QWERTZ: qq5 | AZERTY: aa5

Phrase 1: Chalis request vector to divert field

Phrase 2: Chalis request vector to alternate

Phrase 3: Sentry request vector to divert field

Phrase 4: Sentry request vector to alternate

Phrase 5: Dragnet request vector to divert field

Phrase 6: Dragnet request vector to alternate

Phrase 7: Magic request vector to divert field

Phrase 8: Magic request vector to alternate

Phrase 9: Request vector to divert field

Phrase 10: Request vector to alternate

Action: Vector to Home Plate

QWERTY: qq6 | QWERTZ: qq6 | AZERTY: aa6

Phrase 1: Chalis request vector to home plate

Phrase 2: Sentry request vector to home plate

Phrase 3: Dragnet request vector to home plate

Phrase 4: Magic request vector to home plate

Phrase 5: Request vector to home plate

Action: Vector to Carrier Group

QWERTY: qq7 | QWERTZ: qq7 | AZERTY: aa7

Phrase 1: Chalis request vector to carrier

Phrase 2: Sentry request vector to carrier

Phrase 3: Dragnet request vector to carrier

Phrase 4: Magic request vector to carrier

Phrase 5: Request vector to carrier

Action: Element Attack My Target

QWERTY: e1 | QWERTZ: e1 | AZERTY: e1

Phrase 1: Element attack my target

Phrase 2: Three attack my target

Action: Element Buddy Spike

QWERTY: e2 | QWERTZ: e2 | AZERTY: e2

Phrase 1: Element buddy spike

Phrase 2: Three buddy spike

Action: Element Raygun

QWERTY: e3 | QWERTZ: e3 | AZERTY: e3

Phrase 1: Element raygun

Phrase 2: Three raygun

Action: Element Weapons Free

QWERTY: e4 | QWERTZ: e4 | AZERTY: e4

Phrase 1: Element weapons free

Phrase 2: Three weapons free

Action: Element Weapons Hold

QWERTY: e5 | QWERTZ: e5 | AZERTY: e5

Phrase 1: Element weapons hold

Phrase 2: Element weapons safe

Phrase 3: Three weapons hold

Phrase 4: Three weapons safe

Action: Element Check Your Six

QWERTY: e6 | QWERTZ: e6 | AZERTY: e6

Phrase 1: Element check your six

Phrase 2: Element check six

Phrase 3: Three check your six

Phrase 4: Three check six

Action: Element Clear My Six

QWERTY: e7 | QWERTZ: e7 | AZERTY: e7

Phrase 1: Element clear my six

Phrase 2: Three clear my six

Action: Element Attack Targets

QWERTY: e8 | QWERTZ: e8 | AZERTY: e8

Phrase 1: Element attack targets

Phrase 2: Element action

Phrase 3: Three attack targets

Phrase 4: Three action

Action: Element Rejoin

QWERTY: ee1 | QWERTZ: ee1 | AZERTY: ee1

Phrase 1: Element rejoin

Phrase 2: Element rejoin formation

Phrase 3: Element reform

Phrase 4: Element get back in formation

Phrase 5: Three rejoin

Phrase 6: Three rejoin formation

Phrase 7: Three reform

Phrase 8: Three get back in formation

Action: Element Drop Stores

QWERTY: ee2 | QWERTZ: ee2 | AZERTY: ee2

Phrase 1: Element drop stores

Phrase 2: Three drop stores

Action: Element Datalink Ground Target

QWERTY: ee3 | QWERTZ: ee3 | AZERTY: ee3

Phrase 1: Element datalink ground target

Phrase 2: Element dolly ground

Phrase 3: Three datalink ground target

Phrase 4: Three dolly ground

Action: Element Offensive Pursuit

QWERTY: eee1 | QWERTZ: eee1 | AZERTY: eee1

Phrase 1: Element offensive pursuit

Phrase 2: Three offensive pursuit

Action: Element Offensive Split

QWERTY: eee2 | QWERTZ: eee2 | AZERTY: eee2

Phrase 1: Element offensive split

Phrase 2: Three offensive split

Action: Element Beam Deploy

QWERTY: eee3 | QWERTZ: eee3 | AZERTY: eee3

Phrase 1: Element beam deploy

Phrase 2: Three beam deploy

Action: Element Grinder

QWERTY: eee4 | QWERTZ: eee4 | AZERTY: eee4

Phrase 1: Element grinder

Phrase 2: Three grinder

Action: Element Wide Azimuth

QWERTY: eee5 | QWERTZ: eee5 | AZERTY: eee5

Phrase 1: Element wide azimuth

Phrase 2: Three wide azimuth

Action: Element Short Azimuth

QWERTY: eee6 | QWERTZ: eee6 | AZERTY: eee6

Phrase 1: Element short azimuth

Phrase 2: Three short azimuth

Action: Element Sweep

QWERTY: eee7 | QWERTZ: eee7 | AZERTY: eee7

Phrase 1: Element sweep

Phrase 2: Three sweep

Action: Element Defensive

QWERTY: eee8 | QWERTZ: eee8 | AZERTY: eee8

Phrase 1: Element defensive

Phrase 2: Three defensive

Action: Element Resume Mission

QWERTY: eeee1 | QWERTZ: eeee1 | AZERTY: eeee1

Phrase 1: Element resume mission

Phrase 2: Three resume mission

Action: Element Return to Base

QWERTY: eeee2 | QWERTZ: eeee2 | AZERTY: eeee2

Phrase 1: Element return to base

Phrase 2: Element R T B

Phrase 3: Three return to base

Phrase 4: Three R T B

Action: Element Snooze Radar

QWERTY: eeee3 | QWERTZ: eeee3 | AZERTY: eeee3

Phrase 1: Element snooze radar

Phrase 2: Element radar off

Phrase 3: Element radar to standby

Phrase 4: Element strangle gadget

Phrase 5: Three snooze radar

Phrase 6: Three radar off

Phrase 7: Three radar to standby

Phrase 8: Three strangle gadget

Action: Element Activate Radar

QWERTY: eeee4 | QWERTZ: eeee4 | AZERTY: eeee4

Phrase 1: Element activate radar

Phrase 2: Element radar on

Phrase 3: Three activate radar

Phrase 4: Three radar on

Action: Element Say Position

QWERTY: eeee5 | QWERTZ: eeee5 | AZERTY: eeee5

Phrase 1: Element say position

Phrase 2: Element say posit

Phrase 3: Three say position

Phrase 4: Three say posit

Action: Element Say Damage Report

QWERTY: eeee6 | QWERTZ: eeee6 | AZERTY: eeee6

Phrase 1: Element say damage

Phrase 2: Element damage report

Phrase 3: Three say damage

Phrase 4: Three damage report

Action: Element Say Status

QWERTY: eeee7 | QWERTZ: eeee7 | AZERTY: eeee7

Phrase 1: Element say status

Phrase 2: Element what luck

Phrase 3: Three say status

Phrase 4: Three what luck

Action: Element Say Fuel State

QWERTY: eeee8 | QWERTZ: eeee8 | AZERTY: eeee8

Phrase 1: Element say fuel

Phrase 2: Element say fuel state

Phrase 3: Three say fuel

Phrase 4: Three say fuel state

Action: Element Say Weapons State

QWERTY: eeee9 | QWERTZ: eeee9 | AZERTY: eeee9

Phrase 1: Element say weapons

Phrase 2: Element say weapon state

Phrase 3: Three say weapons

Phrase 4: Three say weapon state

Action: Element Close Up

QWERTY: eeeee1 | QWERTZ: eeeee1 | AZERTY: eeeee1

Phrase 1: Element close up

Phrase 2: Element close up formation

Phrase 3: Three close up

Phrase 4: Three close up formation

Action: Element Switch Side

QWERTY: eeeee2 | QWERTZ: eeeee2 | AZERTY: eeeee2

Phrase 1: Element switch side

Phrase 2: Three switch side

Action: Element Break Right

QWERTY: eeeee3 | QWERTZ: eeeee3 | AZERTY: eeeee3

Phrase 1: Element break right

Phrase 2: Three break right

Action: Element Break Left

QWERTY: eeeee4 | QWERTZ: eeeee4 | AZERTY: eeeee4

Phrase 1: Element break left

Phrase 2: Three break left

Action: Element Go Higher

QWERTY: eeeee5 | QWERTZ: eeeee5 | AZERTY: eeeee5

Phrase 1: Element go higher

Phrase 2: Element stack high

Phrase 3: Three go higher

Phrase 4: Three stack high

Action: Element Go Lower

QWERTY: eeeee6 | QWERTZ: eeeee6 | AZERTY: eeeee6

Phrase 1: Element go lower

Phrase 2: Element stack low

Phrase 3: Three go lower

Phrase 4: Three stack low

Action: Element Flex

QWERTY: eeeee7 | QWERTZ: eeeee7 | AZERTY: eeeee7

Phrase 1: Element flex

Phrase 2: Three flex

Action: Element Kickout

QWERTY: eeeee8 | QWERTZ: eeeee8 | AZERTY: eeeee8

Phrase 1: Element kickout

Phrase 2: Three kickout

Action: Element Go Wedge

QWERTY: eeeeee1 | QWERTZ: eeeeee1 | AZERTY: eeeeee1

Phrase 1: Element go wedge

Phrase 2: Three go wedge

Action: Element Go Trail

QWERTY: eeeeee2 | QWERTZ: eeeeee2 | AZERTY: eeeeee2

Phrase 1: Element go trail

Phrase 2: Three go trail

Action: Element Go Ladder

QWERTY: eeeeee3 | QWERTZ: eeeeee3 | AZERTY: eeeeee3

Phrase 1: Element go ladder

Phrase 2: Three go ladder

Action: Element Go Stack

QWERTY: eeeeee4 | QWERTZ: eeeeee4 | AZERTY: eeeeee4

Phrase 1: Element go stack

Phrase 2: Three go stack

Action: Element Go Fluid

QWERTY: eeeeee5 | QWERTZ: eeeeee5 | AZERTY: eeeeee5

Phrase 1: Element go fluid

Phrase 2: Three go fluid

Action: Element Go Spread

QWERTY: eeeeee6 | QWERTZ: eeeeee6 | AZERTY: eeeeee6

Phrase 1: Element go spread

Phrase 2: Three go spread

Action: Element Go Arrowhead

QWERTY: eeeeee7 | QWERTZ: eeeeee7 | AZERTY: eeeeee7

Phrase 1: Element go arrowhead

Phrase 2: Three go arrowhead

Action: Element Fence In

QWERTY: eeeeeee1 | QWERTZ: eeeeeee1 | AZERTY: eeeeeee1

Phrase 1: Element fence in

Phrase 2: Three fence in

Action: Element Fence Out

QWERTY: eeeeeee2 | QWERTZ: eeeeeee2 | AZERTY: eeeeeee2

Phrase 1: Element fence out

Phrase 2: Three fence out

Action: Element Music On

QWERTY: eeeeeee3 | QWERTZ: eeeeeee3 | AZERTY: eeeeeee3

Phrase 1: Element music on

Phrase 2: Element E C M on

Phrase 3: Three music off

Phrase 4: Three E C M off

Action: Element Music Off

QWERTY: eeeeeee4 | QWERTZ: eeeeeee4 | AZERTY: eeeeeee4

Phrase 1: Element music off

Phrase 2: Element E C M off

Phrase 3: Three music off

Phrase 4: Three E C M off

Action: Element Turn Smoke On

QWERTY: eeeeeee5 | QWERTZ: eeeeeee5 | AZERTY: eeeeeee5

Phrase 1: Element smoke on

Phrase 2: Three smoke on

Action: Element Turn Smoke Off

QWERTY: eeeeeee6 | QWERTZ: eeeeeee6 | AZERTY: eeeeeee6

Phrase 1: Element smoke off

Phrase 2: Three smoke off

Action: Flight Attack My Target

QWERTY: r1 | QWERTZ: r1 | AZERTY: r1

Phrase 1: Flight attack my target

Action: Flight Buddy Spike

QWERTY: r2 | QWERTZ: r2 | AZERTY: r2

Phrase 1: Flight buddy spike

Action: Flight Raygun

QWERTY: r3 | QWERTZ: r3 | AZERTY: r3

Phrase 1: Flight raygun

Action: Flight Weapons Free

QWERTY: r4 | QWERTZ: r4 | AZERTY: r4

Phrase 1: Flight weapons free

Action: Flight Weapons Hold

QWERTY: r5 | QWERTZ: r5 | AZERTY: r5

Phrase 1: Flight weapons hold

Phrase 2: Flight weapons safe

Action: Flight Check Your Six

QWERTY: r6 | QWERTZ: r6 | AZERTY: r6

Phrase 1: Flight check your six

Phrase 2: Flight check six

Action: Flight Clear My Six

QWERTY: r7 | QWERTZ: r7 | AZERTY: r7

Phrase 1: Flight clear my six

Action: Flight Attack Targets

QWERTY: r8 | QWERTZ: r8 | AZERTY: r8

Phrase 1: Flight attack targets

Phrase 2: Flight action

Action: Flight Rejoin

QWERTY: rr1 | QWERTZ: rr1 | AZERTY: rr1

Phrase 1: Flight rejoin

Phrase 2: Flight rejoin formation

Phrase 3: Flight reform

Phrase 4: Flight get back in formation

Action: Flight Drop Stores

QWERTY: rr2 | QWERTZ: rr2 | AZERTY: rr2

Phrase 1: Flight drop stores

Action: Flight Datalink Ground Target

QWERTY: rr3 | QWERTZ: rr3 | AZERTY: rr3

Phrase 1: Flight datalink ground target

Phrase 2: Flight dolly ground

Action: Flight Resume Mission

QWERTY: rrr1 | QWERTZ: rrr1 | AZERTY: rrr1

Phrase 1: Flight resume mission

Action: Flight Return to Base

QWERTY: rrr2 | QWERTZ: rrr2 | AZERTY: rrr2

Phrase 1: Flight return to base

Phrase 2: Flight R T B

Action: Flight Snooze Radar

QWERTY: rrr3 | QWERTZ: rrr3 | AZERTY: rrr3

Phrase 1: Flight snooze radar

Phrase 2: Flight radar off

Phrase 3: Flight radar to standby

Phrase 4: Flight strangle gadget

Action: Flight Activate Radar

QWERTY: rrr4 | QWERTZ: rrr4 | AZERTY: rrr4

Phrase 1: Flight activate radar

Phrase 2: Flight radar on

Action: Flight Say Position

QWERTY: rrr5 | QWERTZ: rrr5 | AZERTY: rrr5

Phrase 1: Flight say position

Phrase 2: Flight say posit

Action: Flight Say Damage Report

QWERTY: rrr6 | QWERTZ: rrr6 | AZERTY: rrr6

Phrase 1: Flight say damage

Phrase 2: Flight damage report

Action: Flight Say Status

QWERTY: rrr7 | QWERTZ: rrr7 | AZERTY: rrr7

Phrase 1: Flight say status

Phrase 2: Flight what luck

Action: Flight Say Fuel State

QWERTY: rrr8 | QWERTZ: rrr8 | AZERTY: rrr8

Phrase 1: Flight say fuel

Phrase 2: Flight say fuel state

Action: Flight Say Weapons State

QWERTY: rrr9 | QWERTZ: rrr9 | AZERTY: rrr9

Phrase 1: Flight say weapons

Phrase 2: Flight say weapon state

Action: Flight Close Up

QWERTY: rrrr1 | QWERTZ: rrrr1 | AZERTY: rrrr1

Phrase 1: Flight close up

Phrase 2: Flight close up formation

Action: Flight Switch Side

QWERTY: rrrr2 | QWERTZ: rrrr2 | AZERTY: rrrr2

Phrase 1: Flight switch side

Action: Flight Break Right

QWERTY: rrrr3 | QWERTZ: rrrr3 | AZERTY: rrrr3

Phrase 1: Flight break right

Action: Flight Break Left

QWERTY: rrrr4 | QWERTZ: rrrr4 | AZERTY: rrrr4

Phrase 1: Flight break left

Action: Flight Go Higher

QWERTY: rrrr5 | QWERTZ: rrrr5 | AZERTY: rrrr5

Phrase 1: Flight go higher

Phrase 2: Flight stack high

Action: Flight Go Lower

QWERTY: rrrr6 | QWERTZ: rrrr6 | AZERTY: rrrr6

Phrase 1: Flight go lower

Phrase 2: Flight stack low

Action: Flight Flex

QWERTY: rrrr7 | QWERTZ: rrrr7 | AZERTY: rrrr7

Phrase 1: Flight flex

Action: Flight Kickout

QWERTY: rrrr8 | QWERTZ: rrrr8 | AZERTY: rrrr8

Phrase 1: Flight kickout

Action: Flight Go Wedge

QWERTY: rrrrr1 | QWERTZ: rrrrr1 | AZERTY: rrrrr1

Phrase 1: Flight go wedge

Action: Flight Go Trail

QWERTY: rrrrr2 | QWERTZ: rrrrr2 | AZERTY: rrrrr2

Phrase 1: Flight go trail

Action: Flight Go Ladder

QWERTY: rrrrr3 | QWERTZ: rrrrr3 | AZERTY: rrrrr3

Phrase 1: Flight go ladder

Action: Flight Go Stack

QWERTY: rrrrr4 | QWERTZ: rrrrr4 | AZERTY: rrrrr4

Phrase 1: Flight go stack

Action: Flight Go Fluid

QWERTY: rrrrr5 | QWERTZ: rrrrr5 | AZERTY: rrrrr5

Phrase 1: Flight go fluid

Action: Flight Go Spread

QWERTY: rrrrr6 | QWERTZ: rrrrr6 | AZERTY: rrrrr6

Phrase 1: Flight go spread

Action: Flight Go Arrowhead

QWERTY: rrrrr7 | QWERTZ: rrrrr7 | AZERTY: rrrrr7

Phrase 1: Flight go arrowhead

Action: Flight Go Box

QWERTY: rrrrr8 | QWERTZ: rrrrr8 | AZERTY: rrrrr8

Phrase 1: Flight go box

Action: Flight Go Res Cell

QWERTY: rrrrr9 | QWERTZ: rrrrr9 | AZERTY: rrrrr9

Phrase 1: Flight go res cell

Action: Flight Go Vic

QWERTY: rrrrrr1 | QWERTZ: rrrrrr1 | AZERTY: rrrrrr1

Phrase 1: Flight go vic

Action: Flight Go Line Abreast

QWERTY: rrrrrr2 | QWERTZ: rrrrrr2 | AZERTY: rrrrrr2

Phrase 1: Flight go line abreast

Action: Flight Go Finger Four

QWERTY: rrrrrr3 | QWERTZ: rrrrrr3 | AZERTY: rrrrrr3

Phrase 1: Flight go finger four

Action: Flight Go Echelon Left

QWERTY: rrrrrr4 | QWERTZ: rrrrrr4 | AZERTY: rrrrrr4

Phrase 1: Flight go echelon left

Action: Flight Go Echelon Right

QWERTY: rrrrrr5 | QWERTZ: rrrrrr5 | AZERTY: rrrrrr5

Phrase 1: Flight go echelon right

Action: Flight Go Diamond

QWERTY: rrrrrr6 | QWERTZ: rrrrrr6 | AZERTY: rrrrrr6

Phrase 1: Flight go diamond

Action: Flight Fence In

QWERTY: rrrrrrr1 | QWERTZ: rrrrrrr1 | AZERTY: rrrrrrr1

Phrase 1: Flight fence in

Action: Flight Fence Out

QWERTY: rrrrrrr2 | QWERTZ: rrrrrrr2 | AZERTY: rrrrrrr2

Phrase 1: Flight fence out

Action: Flight Music On

QWERTY: rrrrrrr3 | QWERTZ: rrrrrrr3 | AZERTY: rrrrrrr3

Phrase 1: Flight E C M on

Phrase 2: Flight music on

Action: Flight Music Off

QWERTY: rrrrrrr4 | QWERTZ: rrrrrrr4 | AZERTY: rrrrrrr4

Phrase 1: Flight E C M off

Phrase 2: Flight music off

Action: Flight Turn Smoke On

QWERTY: rrrrrrr5 | QWERTZ: rrrrrrr5 | AZERTY: rrrrrrr5

Phrase 1: Flight smoke on

Action: Flight Turn Smoke Off

QWERTY: rrrrrrr6 | QWERTZ: rrrrrrr6 | AZERTY: rrrrrrr6

Phrase 1: Flight smoke off

Action: Flight Single-Ship

QWERTY: rrrrrrrr1 | QWERTZ: rrrrrrrr1 | AZERTY: rrrrrrrr1

Phrase 1: Flight Rolling Takeoff

Phrase 2: Flight Singleship Takeoff

Action: Flight Element

QWERTY: rrrrrrrr2 | QWERTZ: rrrrrrrr2 | AZERTY: rrrrrrrr2

Phrase 1: Flight lineup section

Phrase 2: Flight lineup element

Phrase 3: Flight lineup 2 ship

Action: Flight Echelon

QWERTY: rrrrrrrr3 | QWERTZ: rrrrrrrr3 | AZERTY: rrrrrrrr3

Phrase 1: Flight lineup echelon

Action: Flight Four-Ship Three In

QWERTY: rrrrrrrr4 | QWERTZ: rrrrrrrr4 | AZERTY: rrrrrrrr4

Phrase 1: Flight lineup four ship three in

Phrase 2: Flight lineup four ship number three in the slot

Action: Flight Four-Ship Four In

QWERTY: rrrrrrrr5 | QWERTZ: rrrrrrrr5 | AZERTY: rrrrrrrr5

Phrase 1: Flight lineup four ship four in

Phrase 2: Flight lineup four ship number four in the slot

Action: Request Air Refuelling

QWERTY: y1 | QWERTZ: z1 | AZERTY: y1

Phrase 1: Texaco request refuel

Phrase 2: Texaco need fuel

Phrase 3: Texaco need to refuel

Phrase 4: Copper request refuel

Phrase 5: Copper need fuel

Phrase 6: Copper need to refuel

Phrase 7: Request refuel

Phrase 8: Need fuel

Phrase 9: Need to refuel

Action: Back In Pre-contact Position

QWERTY: y2 | QWERTZ: z2 | AZERTY: y2

Phrase 1: Texaco ready to take fuel

Phrase 2: Texaco Back In Precontact Position

Phrase 3: Copper ready to take fuel

Phrase 4: Copper Back In Precontact Position

Phrase 5: Ready to take fuel

Phrase 6: Back In Precontact Position

Action: Done Refueling

QWERTY: y3 | QWERTZ: z3 | AZERTY: y3

Phrase 1: Texaco done refuelling

    Phrase 2: Texaco ready to go

    Phrase 3: Copper done refuelling

    Phrase 4: Copper ready to go

    Phrase 5: Done refuelling

    Phrase 6: Ready to go

Action: Wingman Attack My Target

    QWERTY: w1 | QWERTZ: w1 | AZERTY: z1

    Phrase 1: Two attack my target

    Phrase 2: Four attack my target

Action: Wingman Buddy Spike

    QWERTY: w2 | QWERTZ: w2 | AZERTY: z2

    Phrase 1: Two buddy spike

    Phrase 2: Four buddy spike

Action: Wingman Raygun

    QWERTY: w3 | QWERTZ: w3 | AZERTY: z3

    Phrase 1: Two raygun

    Phrase 2: Four raygun

Action: Wingman Weapons Free

    QWERTY: w4 | QWERTZ: w4 | AZERTY: z4

    Phrase 1: Two weapons free

    Phrase 2: Four weapons free

Action: Wingman Weapons Hold

    QWERTY: w5 | QWERTZ: w5 | AZERTY: z5

    Phrase 1: Two weapons hold

    Phrase 2: Two weapons safe

    Phrase 3: Four weapons hold

    Phrase 4: Four weapons safe

Action: Wingman Check Your Six

    QWERTY: w6 | QWERTZ: w6 | AZERTY: z6

    Phrase 1: Two check your six

    Phrase 2: Two check six

    Phrase 3: Four check your six

    Phrase 4: Four check six

Action: Wingman Clear My Six

    QWERTY: w7 | QWERTZ: w7 | AZERTY: z7

    Phrase 1: Two clear my six

    Phrase 2: Four clear my six

Action: Wingman Attack Targets

    QWERTY: w8 | QWERTZ: w8 | AZERTY: z8

    Phrase 1: Two attack targets

    Phrase 2: Two action

    Phrase 3: Four attack targets

    Phrase 4: Four action

Action: Wingman Go Shooter

    QWERTY: w9 | QWERTZ: w9 | AZERTY: z9

    Phrase 1: Two go shooter

    Phrase 2: Four go shooter

Action: Wingman Go Cover

QWERTY: w0 | QWERTZ: w0 | AZERTY: z0

Phrase 1: Two go cover

Phrase 2: Four go cover

Action: Wingman Rejoin

QWERTY: ww1 | QWERTZ: ww1 | AZERTY: zz1

Phrase 1: Two rejoin

Phrase 2: Two rejoin formation

Phrase 3: Two reform

Phrase 4: Two get back in formation

Phrase 5: Four rejoin

Phrase 6: Four rejoin formation

Phrase 7: Four reform

Phrase 8: Four get back in formation

Action: Wingman Split Wing

QWERTY: ww2 | QWERTZ: ww2 | AZERTY: zz2

Phrase 1: Two split wing

Phrase 2: Four split wing

Action: Wingman Glue Wing

QWERTY: ww3 | QWERTZ: ww3 | AZERTY: zz3

Phrase 1: Two glue wing

Phrase 2: Four glue wing

Action: Wingman Drop Stores

QWERTY: ww4 | QWERTZ: ww4 | AZERTY: zz4

Phrase 1: Two drop stores

Phrase 2: Four drop stores

Action: Wingman Datalink Ground Target

QWERTY: ww5 | QWERTZ: ww5 | AZERTY: zz5

Phrase 1: Two datalink ground target

Phrase 2: Two dolly ground

Phrase 3: Four datalink ground target

Phrase 4: Four dolly ground

Action: Wingman Offensive Pursuit

QWERTY: www1 | QWERTZ: www1 | AZERTY: zzz1

Phrase 1: Two offensive pursuit

Phrase 2: Four offensive pursuit

Action: Wingman Offensive Split

QWERTY: www2 | QWERTZ: www2 | AZERTY: zzz2

Phrase 1: Two offensive split

Phrase 2: Four offensive split

Action: Wingman Beam Deploy

QWERTY: www3 | QWERTZ: www3 | AZERTY: zzz3

Phrase 1: Two beam deploy