Jemma Studios
Beck-Mahoney Sorceress
Ver Alpha 1.0.8
QUICK START GUIDE

1. Battery Switch
2. Magneto 1 Switch
3. Magneto 2 Switch
4. Starter Switch
5. Fuel Lever Lock Button
6. Fuel Lever (4 clickable positions around the base)
7. Canopy Lock lever
8. Throttle
9. Mixture
10. Throttle Friction Lock
11. Carb Heat (if shown on FlexDash)
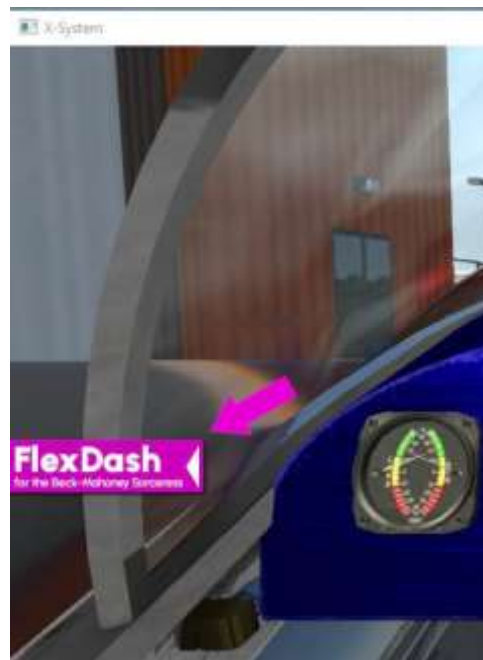12. Canopy Handle

COLD & DARK START UP.

Battery Switch [1]	ON
Magneto 1 [2]	ON
Magneto 2 [3]	ON
Fuel [6]	BOTH
Friction Lock [10]	90%
Mixture [9]	FULL
Throttle [8]	IDLE
Starter [4]	HOLD until 800rpm
Canopy Handle [12]	Close
Canopy Lock [7]	UP

SHUTDOWN

Fuel Lock Button [5]	UP
Fuel [6]	OFF
Magneto 2 [3]	OFF
Magneto 1 [2]	OFF
Battery [1]	OFF

FLEX DASH SYSTEM

You can choose to show hide several different instruments (all gauges come in 2 ¼" and 3 1/8" sizes). There is a small dimmed magenta FlexDash arrow in the middle of the left side of your x-plane window as shown below. When you hold your mouse over you'll see the "FlexDash" panel slide out. Click on that panel to open the FlexDash Configuration Window.

The FlexDash Configuration Window allows you to Show or Hide a large selection of instruments. (Using the Show/Hide checkboxes highlighted in green as section 1). You can select whether you want to have a 3 1/8" or 2 ¼" version of each of the instruments you show (using the Size radio buttons highlighted in green as section 2). You can move each instrument individually by clicking its corresponding Move button which will bring up the appropriate instrument Move Window.

FlexDash comes with 7 preconfigured presets. Simply click on the radio button of the preset you prefer to use. You can edit any of these 7 presets to your heart's desire. Just don't forget to "Save Dash" after you have finished making changes to the desired preset. If you made unsaved changes and don't like them, you can "Restore Dash" at any time.

The Move Window (see picture) has large and small magenta arrows which move the instrument is large and small increments across the dash. If you click the window to get focus, you can also use Arrow keys and Shift-Arrow keys to move the window around. You can also drag the instrument around with your mouse when the move window is open.

You can click anywhere in the window (other than the blue areas circled) to move the window out of the way.
If you click the center of the yellow coordinates, the instrument will snap back to 0,0. Click the Green "Lock" button (where the move button used to be) to lock the instrument in place.

JEMMA JPX-720 HAND HELD RADIO

This aircraft comes equipped with a portable handheld radio, the JPX-720. It is a single channel radio, that receives COM, NAV, and some ADF channels. The aircraft has no navigational equipment, but listening to morse code can be soothing with flying 200 mph 20' off the ground.

This is a portable device with its own battery pack, so turn the unit on (and set the volume) with the Power/Volume Knob [A].

If you hear light static, the squelch is probably too high, so turn the Squelch [B] to the left to turn down the squelch. (If you turn it too far to the left, you'll squelch out your station.)

A: Power/Volume Knob
B: Squelch
C: Lo-Hi Switch
D: Frequency Dials

If the volume is a little two quiet slide the Lo-Hi Switch [C] to HI.

Each frequency digit is its own spinnable dial [D]. (There is no decimal point, so frequency 122.80 will read 12280 on the dial) Grab and move each dial up or down to set the frequency you want. (ADF: 00019-00053; VOR: 10800 – 11795; COM: 11800 – 13697. **Note**:   It is only possible to dial ADF stations with frequencies that end in 0. i.e. 00019 will dial ADF frequency 190. 00053 dials 530.)

Lastly, COM channels have jumps of .025 between channels. It's possible to tune this radio to a frequency "between" channels. If this happens, you'll likely still hear communications from the closest correct frequency, but it will be fainter and you'll also hear some static.

[Note: VATSIM users, xPilot does not use volume settings from the sim, so some volume effects won't be noticed. Also, the ATIS broadcasts within X-Plane cannot have volume changes once the message has started. In other words, pretty much the only way to hear the volume effects is listening to morse code on the ADF or NAV channels]

SPECIAL THANKS

There are always so many people involved in a project like this. Special thanks go to:
- Josh M, F.Justin & BottleRocketeer for fine tuning the flight model, continued flight testing and unending feedback and support especially with the FlexDash system.
- MGouge for spending a fair amount of time tweaking the flight model
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- Joe@VRSimLabs for extensive VR testing.
- Goodfixins for flight testing and feedback.

DEVELOPMENT TO-DO
- ~~Add TPX720 Radio~~
- ~~Add pilot seat~~
- ~~Add side consoles for Throttle quad and fuel valve.~~
- ~~Add a fuse or two maybe?~~
- ~~Change FlexDash so 3 1/8" vs 2 ¼" instruments are an option on the move window~~
- ~~Improve Move Window GUI/UX~~
- Add limits to FlexDash movement so instruments cannot be placed off the dash.
- Add tie-downs, plugs and covers to exterior for preflight
- Texture everything.
- Add liveries
- Create POH
- ~~Add the compass back into the FlexDash UI~~

CHANGE LOG
Alpha 1.0.8
4/13/2021
- Added Special Thanks section
- Updated Development To-Do
  AIRCRAFT CHANGES
- Updated FlexDash presets for Josh & BottleRocketeer
- Removed duplicate dash and interior cockpit walls from exterior cockpit object.
- Canopy slides with pitch or axial g-load if not closed and secured.

Alpha 1.0.7
3/24/2021
  AIRCRAFT CHANGES
- Updated FlexDash Config Window as follows:
  o Move buttons dimmed for hidden instruments
  o Show/Hide checkbox and size radio buttons inactive during MOVE activity

Alpha 1.0.6 *HOTFIX*
3/23/2021
  AIRCRAFT CHANGES
- Added compass to FlexDash Config Window.

Alpha 1.0.5 *HOTFIX*
3/23/2021
  AIRCRAFT CHANGES
- Changed flexdash plugin so it wouldn't capture every mouse click on the x-plane window (prevent manipulators from working).

Alpha 1.0.4
3/23/2021

- Updated FlexDash photos
- Updated FlexDash UI changes
AIRCRAFT CHANGES
- Removed Pull down menu
- Added FlexDash Peekaboo menu and UI Configuration window
- Pulled non-glass items into their own object so they can cast shadows in the cockpit.

Alpha 1.0.3
3/8/2021
- Updated photos
- Updated FlexDash UI changes
AIRCRAFT CHANGES
- Textured cockpit
- Added pilot seat, side consoles, fuel lines, and throttle quad control cables.
- Revamped FlexDash UI windows.
- Added Save/Restore FlexDash window on Flight Config/Quit/Reload ACF commands.

Alpha 1.0.2
1/14/2020
- Added JPX720 Radio
Alpha 1.0.1
1/7/2020
- Created this document
AIRCRAFT CHANGES
- Added throttle/mix quad
- Added rudder pedals
- Added control stick
- Added fuel lever
- Added several more FlexDash Instruments
- Added move windows for finer control
Alpha 1.0.0
12/17/2020
- Initial Release