Miltech Simulations U-2

Missions

Seven missions come with the U-2 in the **U-2 Spyplane Mission Pack**. They run in Miltech Mission Hub: from a first solo at Groom Lake to NASA survey lines, a UFO hunt, a surveillance balloon and long reconnaissance flights over North Korea and Iran.

Caution
Requires Miltech Mission Hub. The missions run in Miltech Mission Hub, which is sold separately. Get it from the Miltech Simulations store. How to install it and play is under Quick Start: Playing Missions.

Note

Mission pack not showing? Add it by hand:

1. Open **Miltech Mission Hub** from the simulator toolbar.
2. Select **+ (Add Mission Pack)**.
3. In the **File name** field, type miltech-u2.
4. Select **Add**. The **U-2 Spyplane Mission Pack** now shows on the home page.

Mission List

New to the U-2? Start with the Familiarization mission: it is the shortest, it stays near the field and it has a practice approach.

KXTAStart hereU-2 Familiarization - Groom LakeTraining · Groom LakeYour first solo in the U-2: a short handling circuit north of Groom Lake, one steady recording run, a low approach with a go-around and a full-stop landing. Smooth control matters more than speed.Duration1 h 36 minRoute238 NMMinimum altitude15,000 ft MSLOpen mission pageKXTANASA Terrain Study - Groom LakeNASA science · Groom LakeA NASA science flight from Groom Lake to the Colorado Plateau. You fly a calibration line, then three terrain lines over Monument Valley and the San Juan area, one of them a crossing line that records the same ground from a second direction.Duration2 h 8 minRoute1,209 NMMinimum altitude35,000 ft MSLOpen mission pageKPMDNASA Grand Canyon SurveyNASA science · PalmdaleA NASA survey of the Grand Canyon from Palmdale, home of NASA's ER-2s. One calibration line, then three science lines along the canyon from west to east, and back to Palmdale.Duration2 h 16 minRoute944 NMMinimum altitude40,000 ft MSLOpen mission pageKXTAUFO Investigation - RoswellReconnaissance · Groom LakeUnexplained returns appear east of the test range. You follow them from Nevada across Arizona into New Mexico, image the place where one comes down near Roswell, and bring the record back to Groom Lake.Duration1 h 52 minRoute1,322 NMMinimum altitude40,000 ft MSLOpen mission pageKCOFChinese Surveillance Balloon - ObservationReconnaissance · Patrick SFBA high-altitude balloon approaches the South Carolina coast. You fly up the coast from Patrick, make two passes beside the balloon at its own height, and leave the engagement to the intercept force.Duration2 h 32 minRoute1,019 NMMinimum altitude40,000 ft MSLOpen mission pageRKSOOperation Dark Skies - North KoreaReconnaissance · Osan Air BaseA fictional reconnaissance flight set on 5 April 1997. From Osan you climb out over the Yellow Sea, then record Kaechon and Pukchang in one straight pass, then Onchon and the surface area of an underground complex, and return to Osan.Duration2 h 24 minRoute1,034 NMMinimum altitude40,000 ft MSLOpen mission pageLCRAIran Reconnaissance - AkrotiriReconnaissance · RAF AkrotiriThe longest mission in the pack. A fictional reconnaissance flight from Cyprus across the eastern Mediterranean to central Iran, with camera passes over Fordow, Natanz and Isfahan in that order, and the long return to Akrotiri.Duration2 h 48 minRoute2,095 NMMinimum altitude40,000 ft MSLOpen mission page

Route lengths are in NM and minimum altitudes in ft MSL. The durations are the Mission Hub estimates. Select a mission for its full page: briefing, route, strips and tips.

Note
The missions are fiction for the simulator. Real places and events are used as settings only; the sensor pictures come from public map data, not from real reconnaissance.

Starting a Mission

The missions play in Miltech Mission Hub. Mission Hub must be installed; see Quick Start: Playing Missions.

1. Start a free flight with the **Miltech Simulations U-2** and the variant you want. Any start location is fine: the mission moves you to its base.
2. Open **Miltech Mission Hub** from the simulator toolbar. If the **U-2 Spyplane Mission Pack** is missing from the home page, select **+ (Add Mission Pack)**, enter miltech-u2 in the **File name** field and select **Add**. Select **U-2 Spyplane Mission Pack** to see its seven missions.
3. Select a mission, read the briefing on the right, then select **Play Mission**. In MSFS 2024, do not cancel while the mission loads.
4. Select **Ready to Fly**. You are on a parking spot at the base with the engine shut down. Set up the fit on the EFB Aircraft tab, then start as in the Quick Start Guide, or use **Set up aircraft**: **Ready for takeoff**.

Each mission sets its own time of day and uses live weather. The mission HUD (top right) shows the active objective, its timer and the briefing.

Related pages: Sceneries · Sensors · Mission Equipment (PME) · Datalink Portal

Miltech Simulations U-2. SIMULATION USE ONLY. This documentation describes the simulated aircraft as delivered in the add-on and must not be used for real-world aviation.