Miltech Simulations CH47D

Firefighting Missions

Caution

- Firefighting Operations are only accessible through Missions.
- **Crash detection must be OFF** for Missions to load correctly, as Crashes may interfere with our loading scripts.
- **Beware of sling load limitations** - must fly at maximum 120kts and avoid violent maneuvers when carrying external loads.

MISSION 1: CANADIAN ROCKIES FIRES

For the past several years, the province of Alberta, Canada, has been affected by an ongoing, record-setting series of wildfires. These ongoing fires have turned large areas of untouched nature into burnt land, posing a significant threat to both natural habitats and human settlements. A CH47D has been dispatched to an uncontrolled wildfire near the town of Banff. The fire is occurring in a hard-to-reach area because of the mountainous landscape.

Distance to Target: 60nm

Expected Duration: 50 minutes

MISSION INSTRUCTIONS

- **LAUNCH MISSION**
- **Load** the Firefighting Bucket to your aircraft on the EFB - Load Tab.
- **Takeoff** from Springbank Airport - Air Tanker Base, heading 267° **towards waypoint SPRAE.** Use the Handheld GPS (EFB Config Tab) to enter the flight plan.
- Upon entering the Canmore Valley, **follow the river** visually towards **Banff Airfield (CYBA)**. Fires will be visible north of the airfield.
- **Assess** the scale and intensity of the fire.
- Proceed to **Lake Minnewanka** (Closest lake to the East of the Fires) to fill the Firefighting Bucket. Aircraft must be <20ft above ground for at least 3 seconds for the bucket to fill.
- **Fly directly above** the fires to extinguish. Water will be dropped automatically. Approach the fires at low speed.
- **Repeat** until all fires are extinguished.
- **Optional:** Return to Springbank Airport CYBW

MISSION 2: LOS ANGELES REFINERY FIRE

Los Angeles, known for its sprawling cityscape, is now facing a critical emergency. In this hypothetical scenario, a massive fire has erupted at the large refinery located just south of the city. A CH47D has been dispatched from John Wayne Airport to assist in extinguishing the fire.

Distance to Target: 30nm

Expected Duration: 35 minutes

MISSION INSTRUCTIONS

- **LAUNCH MISSION**
- **Load** the Firefighting Bucket to your aircraft on the EFB - Load Tab.
- **Takeoff** from John Wayne Airport, heading 290° **towards waypoint HAWWC.** Use the Handheld GPS (EFB Config Tab) to enter the flight plan.
- **Assess** the scale and intensity of the fire. Find the nearest body of water and fill your tanks. Aircraft must be <20ft above ground for at least 3 seconds for the bucket to fill.
- **Fly directly above** the fires to extinguish them. Water will be dropped automatically. Approach the fires at low speed.
- **Repeat** until all fires are extinguished.
- **Optional: Return to KSLI**

MISSION 3: LONDON FIRES

A massive fire has erupted in the heart of London, in a highly densely populated area. Due to the size of the flames and proximity to high-rise buildings, the city has reached out for help. A CH47D has been dispatched from RAF Odiham to assist and extinguish the fire before buildings are compromised.

Distance to Target: 35nm

Expected Duration: 35 minutes

MISSION INSTRUCTIONS

- **LAUNCH MISSION**
- **Load** the Firefighting Bucket to your aircraft on the EFB - Load Tab.
- **Takeoff** from RAF Odiham, heading **towards London City Airport EGLC.** Use the Handheld GPS (EFB Config Tab) to enter the flight plan.
- **Assess** the scale and intensity of the fire. Find the nearest body of water and fill your tanks. Aircraft must be <20ft above ground for at least 3 seconds for the bucket to fill.
- **Fly directly above** the fires to extinguish them. Water will be dropped automatically. Approach the fires at low speed.
- **Repeat** until all fires are extinguished.
- **Optional: Return to RAF Odiham**