FSBreak Mission Design Contest

Cascade Mountain Adventures

You’ve been hired by the Cascade Alliance to deliver supplies in the Cascade mountain range in the Pacific Northwest. You start out at KAWO – Arlington Municipal Airport. The mission would consist of picking up supplies, cargo or passengers and taking them to various challenging airstrips and airports in and around the Cascade Mountain Range in the Pacific Northwest (mostly Washington State) and British Colombia, Canada. At random intervals a rescue operation will be called and you must divert to the necessary location, and then transport an injured passenger to the nearest largest city for medical help. Routing would be up to the player.

The key would be to use a low powered plane to make the airstrips even more challenging, such as the Cessna 172, although the Maule would be a good choice as well. The load weight would need to be variable to give a good percentage of the total MTOW. Fuel reduction and refueling could be an added choice for the player (sacrifice fuel load for additional passengers/cargo).

For example, an assignment is given to pick up some campers from KORS on Orcas Island and take them to S10 – Lake Chelan.

<table>
<thead>
<tr>
<th>Airport</th>
<th>FSX Example</th>
<th>Google Earth Example</th>
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<tbody>
<tr>
<td>KORS Orcas Island</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
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<tr>
<td>S10 Lake Chelan</td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
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The next run could have you flying supplies to S88 – Skykomish State airport from Lake Chelan:

After landing at Skykomish you hear an emergency call from 21W – Ranger Creek. This will be tricky because you can’t easily land at 21W from the north – the airstrip is at the base of a sharp mountainous area, and coming in the valley to the west will require challenging turns. The airstrip could also be redesigned to allow for the “hump” in the middle, seen on the Google Earth image:

The emergency flight could fly to KBFI (smaller GA runway) or others nearby.

After completing the emergency, and player would head out to another airport, such as 39P – Strom Field:
There are many small airports and airstrips in the Cascades and San Juan Islands that have challenging approaches in some of the most amazingly beautiful areas.

Weather would definitely make things even more challenging – and boy does it rain in this area! The Cascades are also high enough that snow (and blizzards!) can be a serious factor in the colder months. The area tends to have temperate weather (not too hot, not too cold) due to winds often coming from the southwest, but at times they can be cold and strong from the northwest, coming down from Alaska which is referred to as an “Arctic Chill”.

Rewards could be new airports added to the mix, or new aircraft used in the challenges.