



OPERATION OF THE SEAREY LANDING GEAR

Phase of flight during which gear is operated:

The phase of flight during which the landing gear would be raised or lowered is when transitioning from land operations to water operations, or from water operations to land operations.

Purpose of changing landing gear position:

The landing gear is designed to be repositioned solely for the purpose of changing from a land based site to a water based site, or from a water based site to a land based site.

Effect of repositioning gear on aircraft performance during flight:

The landing gear is exposed while in flight in both the raised and lowered positions, so there are no changes, enhancements or degradation in flight performance or stability of the SeaRey in either position.

Description of pilot's actions required to reposition the landing gear:

A SeaRey aircraft is installed with either a manual landing gear or a hydraulic/electric landing gear; It cannot be equipped with both systems. Therefore, select the following actions depending upon which system is installed on the aircraft:

Manual landing gear:

To raise the manual landing gear for a water landing, squeeze the hand lever on the retraction arm to release the overcenter lock, then pull the retraction arm to the aft position to raise the gear, then release the hand lever to lock the gear up

To lower the manual landing gear for a land landing, squeeze the hand lever on the retraction arm to release the overcenter lock, then push the retraction arm to the forward position to lower the gear, then release the hand lever to lock the gear down.

Hydraulic/electric gear:

To raise the hydraulic/electric gear for a water landing, position the retraction switch to the 'up' position. Once the gear has cycled a blue light on the panel lights up to show that the gear is positioned for water operations.

To lower the hydraulic/electric gear for a land landing, position the retraction switch to the 'down' position. Once the gear has cycled a green light on the panel lights up to show that the gear is positioned for land operations.