

Flight Information

December 21, 2024: ALP40-E woke-up this morning about 1248 UTC over South Carolina, USA. The balloon/payload status is nominal, with a speed of 97 MPH (156 KPH) at an altitude of 43,700'. The 1418 UTC report has the balloon feet wet over the Atlantic Ocean, Northeast of Charleston. The [SondeHub](#) tracking website forecasts the balloon making landfall in the UK in about 52 hours from now.

December 19, 2024: ALP40-E woke-up this morning about 1528 UTC in Western Utah, USA. The balloon/payload status is nominal, with a speed of 30 MPH (48 KPH) at an altitude of 44,900'.

December 18, 2024: ALP40-E woke-up this morning about 1708 UTC in the Eastern Pacific. The balloon/payload status is nominal, with a speed of 70 MPH (112 KPH) at an altitude of 43,900'. At sunset the balloon made landfall in the United States along the Oregon coastline and will complete its second circumnavigation of the world overnight. Congratulations Cris, quite the accomplishment.

December 17, 2024: ALP40-E woke-up this morning about 1858 UTC Mid-Pacific. The balloon/payload status is nominal, with a speed of 174 MPH (280 KPH) at an altitude of 41,800'. It is moving quickly toward the United States.

**** ALP40-E will go to sleep and cross the International Date Line. It will wake-up on the same day as it went to sleep.****

December 17, 2024: ALP40-E woke-up this morning about 2248 UTC over South Korea. The balloon/payload status is nominal, with a speed of 130 MPH (210 KPH) at an altitude of 42,600'. It is moving quickly, and has now has crossed the coastline of Japan, with feet wet over the Pacific. The crossing to the United States should take a little over 2 days.

December 16, 2024: ALP40-E woke-up this morning about 0138 UTC over Western China. The balloon/payload status is nominal, with a speed of 100 MPH (161 KPH) at an altitude of 43,200'. Projections have the the balloon moving across China and on to Japan. There are very few stations in this part of the world receiving the balloon's WSPR signal, so accurate tracking is a challenge.

December 15, 2024: ALP40-E woke-up this morning about 0458 UTC in Iran just North East of the Persian Gulf. The balloon/payload status is nominal, with a speed of 90 MPH (145 KPH) at an altitude of 43,400'. Projections have the the balloon moving across Afghanistan and Kashmir.

December 14, 2024: ALP40-E woke-up this morning about 0718 UTC East of Sicily. The balloon/payload status is nominal, with a speed of 110 MPH (178 KPH) at an altitude of 43,800'. Projections have the the balloon moving quickly across Mediterranean and into the Middle East, due to a fast moving jet stream at its altitude.

December 13, 2024: ALP40-E woke-up this morning about 0758 UTC over the coastline of Western Sahara, Africa moving a lot faster than the previous few days. The balloon/payload status is nominal, with a speed of 70 MPH (112 KPH) at an altitude of 44,500'. Projections have the the balloon moving quickly across Northern Africa and into the Middle East, due to a fast moving jet stream at its altitude.

December 12, 2024: ALP40-E woke-up this morning about 0918 UTC in the Eastern Atlantic region moving a bit faster. The balloon/payload status is nominal, with a speed of 45 MPH (73 KPH) at an altitude of 44,900'. Projections have the the balloon waking up tomorrow morning in Western Sahara, Africa.

December 11, 2024: ALP40-E woke-up this morning about 1018 UTC in the Mid-Atlantic region moving very slowly. The balloon/payload status is nominal, with a speed of 15 MPH (24 KPH) at an altitude of 44,600'. Projections have the the balloon moving slowly toward the Canaries and Northern Africa, with an arrival in about 2 days.

December 10, 2024: ALP40-E woke-up this morning about 1058 UTC in the Mid-Atlantic region moving very slowly. The balloon/payload status is nominal, with a speed of 17 MPH (27 KPH) at an altitude of 44,000'. Projections have the the balloon moving slowly toward Northern Africa, with an arrival in about 3 days.

December 9, 2024: ALP40-E woke-up this morning about 1228 UTC over the Atlantic just East of Boston, Massachusetts. The balloon/payload status is nominal, with a speed of 80 MPH (130 KPH) at an altitude of 43,700'.

December 8, 2024: ALP40-E started its second trip around the world, by waking up this morning about 1438 UTC over the Badlands, South Dakota. The balloon/payload status is nominal, with a speed of 85 MPH (138 KPH) at an altitude of 42,800'.

December 7, 2024: ALP40-E woke-up this morning about 1638 UTC in the Eastern Pacific off the coast of the United States. At sunset, the balloon is feet dry near [Shelter Cove, California](#). The balloon/payload status is nominal, with speed of 80 MPH (130 KPH) at an altitude of 44,200'.

December 6, 2024: ALP40-E woke-up this morning about 1738 UTC North of the Hawaiian Islands . The balloon/payload status is nominal, with speed of 80 MPH (130 KPH) at an altitude of 43,500'.

**** ALP40-E will go to sleep and cross the International Date Line soon. It will wake-up on the same day as it went to sleep.****

December 6, 2024: ALP40-E woke-up this morning about 2108 UTC over the Eastern Pacific. The balloon/payload status is nominal, with speed of 170 MPH (274 KPH) at an altitude of 42,000'. Tracking data will become scarce after 0200 UTC, as the 10m band will be closing in the US due to darkness.

December 5, 2024: ALP40-E woke-up this morning about 0148 UTC over central China moving East. There are very few stations in this part of the world receiving the balloon's [WSPR](#) (enter 10m, EA1KT, 1 hour and update) signal this morning, so accurate tracking is a challenge. As the balloon gets closer to Japan, this should improve somewhat. The balloon/payload status is nominal, with speed of 130 MPH (210 KPH) at an altitude of 42,700'.

December 4, 2024: ALP40-E woke-up this morning about 0348 UTC over the intersection of the borders of Iran, Turkmenistan and Afghanistan moving East. There are very few stations in this part of the world receiving the balloon's [WSPR](#) (enter 10m, EA1KT, 1 hour and update) signal this morning, so accurate tracking is a challenge. Once Europe wakes up, this situation should improve a little. The balloon/payload status is nominal, with speed of 90 MPH (145 KPH) at an altitude of 43,000'.

December 3, 2024: ALP40-E woke-up this morning over the Northern Egypt coastline. The winds at 43,500' have the balloon moving in a easterly direction at about 75 MPH (130 KPH). The balloon/payload status is nominal. The balloon went to sleep over Western Iraq at 1408 UTC, and given its current track and speed it will wake-up tomorrow over Eastern Iran.

December 2, 2024: ALP40-E woke-up this morning over Eastern Morocco. The winds at 44,000' have the balloon moving in a easterly direction at about 80 MPH (140 KPH). If this pattern continues, the balloon will be over the Northern coast of Western Egypt tomorrow morning at sunrise. The balloon/payload status is nominal, and its

[WSPR](#) (enter 10m, EA1KT, 1 hour and update) signal is being received by more than 30 amateur radio operators in Europe this morning. The [Reverse Beacon Network](#) has DL8LAS, S53WW, DL0AA and DF2CK receiving the balloon's CW signal on 10m (28.022 MHz) with a SNR of from 4 - 12 dB. Don't forget the balloon can be tracked [here](#). The balloon went to sleep at sunset about 1618 UTC over Eastern Algeria.

December 1, 2024: ALP40-E has been transiting the Eastern Atlantic today and at sunset was over the Canary Islands. With luck, the balloon should wake-up feet dry tomorrow in Morocco, Africa. The balloon/payload status is nominal, and its [WSPR](#) (enter 10m, EA1KT, 1 hour and update) signal is being received by amateur radio operators in Europe and the USA. DF2CK received the balloon's CW signal at 1513 UTC with a SNR of 7 dB (transmitter power ~25 mW).

ALP40-E woke up this morning, **November 30, 2024**, mid Atlantic at 1028 UTC. The solar/capacitor voltage was good and the altitude was the same as yesterday, between 43,000' - 44,000'. The balloon is moving a bit slower today at about 100 KPH (62 MPH). At sunset (1828 UTC) the balloon was over the Azores at 44,800' and heading toward the Canary Islands.

ALP40-E woke up this morning, **November 29, 2024**, just West of Myrtle Beach, South Carolina. The solar/capacitor voltage was good and the altitude was the same as yesterday, between 43,000' - 44,000'. The balloon went to sleep at sundown (2038 UTC) at the intersection of the lines East of Washington DC, USA and South of Halifax, Nova Scotia . The balloon was received and telemetry reported by more than 25 amateur radio stations throughout the day. Many thanks to all of the stations, who spend the time and money to do the reporting, and also LU7AA and Traquito Spot for consolidation of the data into something that can be understood. All in all it was a good day for the balloon.