

## Flight Information

**February 22, 2025**, at 1748 UTC the balloon was in the middle of the Pacific Ocean at sunrise. The balloon/payload status is nominal, with a speed of 141 MPH (227 KPH) at an altitude of 41,798' (12,740 m). The [SondeHub](#) tracking website forecasts the balloon will continue traveling East and cross the Oregon coastline early on the 23rd. The balloon will then turn Southeast toward Texas, East toward Florida and then across the Atlantic Ocean.

**February 18, 2025**, at 0748 UTC the balloon was over Western Sahara, Africa at sunrise. The balloon/payload status is nominal, with a speed of 74 MPH (137 KPH) at an altitude of 44,357' (13,520 m). The [SondeHub](#) tracking website forecasts the balloon will continue Northeast across Africa, Sicily, Syria, Iraq, Iran, Afghanistan, Pakistan, and over China to the Pacific.

**February 15, 2025**, at 1858 UTC the balloon is 100 miles North of Las Vegas, Nevada. The balloon/payload status is nominal, with a speed of 90 MPH (148 KPH) at an altitude of 44,094' (13,440 m). ALP40-E has just completed its 7<sup>th</sup> circumnavigation of the Earth. Another milestone for the TALARC Team has been achieved! The [SondeHub](#) tracking website forecasts the balloon will continue South then East across Texas, North Carolina and out over the Atlantic Ocean.

**February 12, 2025**, at 1158 UTC the balloon is over Western China at sunset. The balloon/payload status is nominal, with a speed of 109 MPH (175 KPH) at an altitude of 42,782' (13,040 m). ALP40-E has now traveled farther than any previous TALARC balloon, 149,801 miles (241,012 Km) and over 76 days airborne. Congratulations to Cris, EA1KT and the TALARC team! The [SondeHub](#) tracking website forecasts the balloon will continue across China, Korea, Japan and then over the Pacific in the next few days.

**February 10, 2025**, at 1338 UTC the balloon is Western Algeria, Africa. The balloon/payload status is nominal, with a speed of 83 MPH (133 KPH) at an altitude of 43,438' (13,240 m). The [SondeHub](#) tracking website forecasts the balloon will continue across Africa, Saudi Arabia, Iraq, Iran, Afghanistan, Pakistan, China, Korea, Japan and then over the Pacific in the next few days.

**February 7, 2025**, at 0158 UTC the balloon is West Southwest of Los Angeles, California over the Pacific Ocean. The balloon/payload status is nominal, with a speed of 92 MPH (148 KPH) at an altitude of 44,029 (13,420 m). The [SondeHub](#) tracking website forecasts the balloon will pass over the Boulder City Dry Lakebed (launch site), Nevada in the early morning hours, continue to move quickly across the United States and over the Atlantic Ocean to Africa in the next few days.

**February 4, 2025**, at 0218 UTC the balloon was over Shanghai, China and heading out over the Pacific Ocean. The balloon/payload status is nominal, with a speed of 176 MPH (293 KPH) at an altitude of 42,872' (13,040 m). The [SondeHub](#) tracking website forecasts the balloon will continue to move quickly past the Southern part of Japan, across the Pacific Ocean North of the Hawaiian Islands and then over California.

**February 1, 2025** at 0748 UTC the balloon met the sunrise in Western Mauritania, Africa. The balloon/payload status is nominal, with a speed of 89 MPH (143 KPH) at an altitude of 44,488' (13,560 m). The [SondeHub](#) tracking website forecasts the balloon will continue to move quickly across Northern Africa, Saudi Arabia, Pakistan, China and then over the Pacific Ocean.

**January 28, 2025** at 2218 UTC the balloon completed its fifth circumnavigation of the Earth by returning to its launch Longitude. The balloon/payload status is nominal, with a speed of 91 MPH (147 KPH) at an altitude of

44,100' (13,440 m). The [SondeHub](#) tracking website forecasts the balloon will continue to move across the Baja Peninsula, Mexico, the Southern part of the United States and over the Atlantic Ocean.

**January 25, 2025** at 0018 UTC the balloon was in Central China near Guangyuan. The balloon/payload status is nominal, with a speed of 145 MPH (235 KPH) at an altitude of 44,225' (13,480 m). The [SondeHub](#) tracking website forecasts the balloon will continue to move quickly East over Southern Japan, the Hawaiian Islands and past the Baja Peninsula.

**January 21, 2025:** ALP40-E at 1318 UTC was located back near the Cape Verde Islands, after completing a four day loop in the Atlantic Ocean. The balloon is now heading East-Northeast toward the African continent. The balloon/payload status is nominal, with a speed of 56 MPH (90 KPH) at an altitude of 45,660' (13,920 m). The [SondeHub](#) tracking website forecasts the balloon moving a bit faster over North Africa and then East over the Arabian Peninsula.

**January 17, 2025:** ALP40-E at sunset, 1918 UTC, was located off the Western coast of Africa and North of the Cape Verde Islands heading South-Southwest. The balloon/payload status is nominal, with a speed of 40 MPH (65 KPH) at an altitude of 44,700' (13,640 m). The [SondeHub](#) tracking website forecasts the balloon moving slowly and staying in the same area for the next 3 days.

**January 13, 2025:** ALP40-E has completed its fourth circumnavigation of the Earth and is in the Pacific Ocean South of Baja at 2238 UTC. The balloon/payload status is nominal, with a speed of 88 MPH (142 KPH) at an altitude of 45,900' (13,980 m). The [SondeHub](#) tracking website forecasts the balloon turning back to the North heading over the Southeastern United States and then over the Atlantic.

**January 9, 2025:** ALP40-E is leaving Japan for its trip across the Pacific at 0028 UTC. The balloon/payload status is nominal, with a speed of 142 MPH (229 KPH) at an altitude of 41,700' (12,720 m). The [SondeHub](#) tracking website forecasts the balloon crossing Pacific, and passing the North American coastline near the Baja peninsula. ALP40-E can be tracked during daylight hours [HERE](#) or on [WSPRNet](#) (enter 10 m, EA1KT, 1 hour and click update). The [Reverse Beacon Network RBN](#) has received over 100 CW spots.

**January 5, 2025:** ALP40-E woke-up this morning about 0828 UTC in Western France. The balloon/payload status is nominal, with a speed of 48 MPH (77 KPH) at an altitude of 42,700' (13,020 m). The [SondeHub](#) tracking website forecasts the balloon crossing France, Eastern Europe, Crimean Peninsula and lingering over the Caspian Sea

**January 1, 2025 (Happy New Year!!):** ALP40-E woke-up this morning about 1518 UTC North of the Salton Sea, California, United States. Shortly thereafter at 1618 UTC the balloon completed its third circumnavigation of the world. The balloon/payload status is nominal, with a speed of 70 MPH (112 KPH) at an altitude of 44,700' (13,620 m). The [SondeHub](#) tracking website forecasts the balloon crossing North America and then over the Atlantic Ocean.

**December 27, 2024:** After having a three day holiday in Spain, ALP40-E woke-up this morning about 0728 UTC over North Africa in Algerian airspace. The balloon/payload status is nominal, with a speed of 53 MPH (85 KPH) at an altitude of 43,400' (13,220 m). The [SondeHub](#) tracking website forecasts the balloon crossing North Africa, the Middle East and into China in the coming days.

**December 23, 2024:** ALP40-E woke-up this morning about 1058 UTC over the North Atlantic. The balloon/payload status is nominal, with a speed of 78 MPH (126 KPH) at an altitude of 44,500' (13,563 m). The balloon is performing well considering the sun angles are 10 degrees or less. At sunset the balloon is making

landfall along the Northern Ireland coastline. The [SondeHub](#) tracking website forecasts the balloon crossing the UK, Western France and into Spain.

**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 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.