

Aircraft vertical plots

24th January 2020

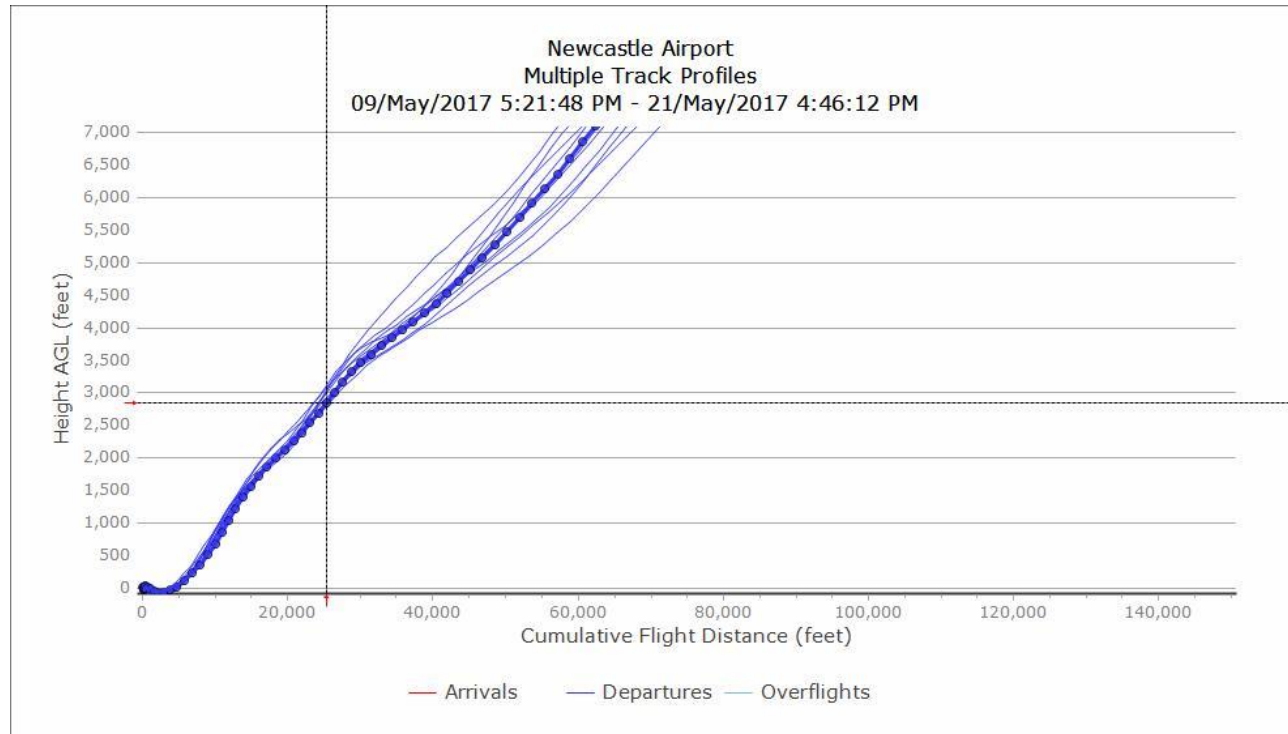


Vertical Plots

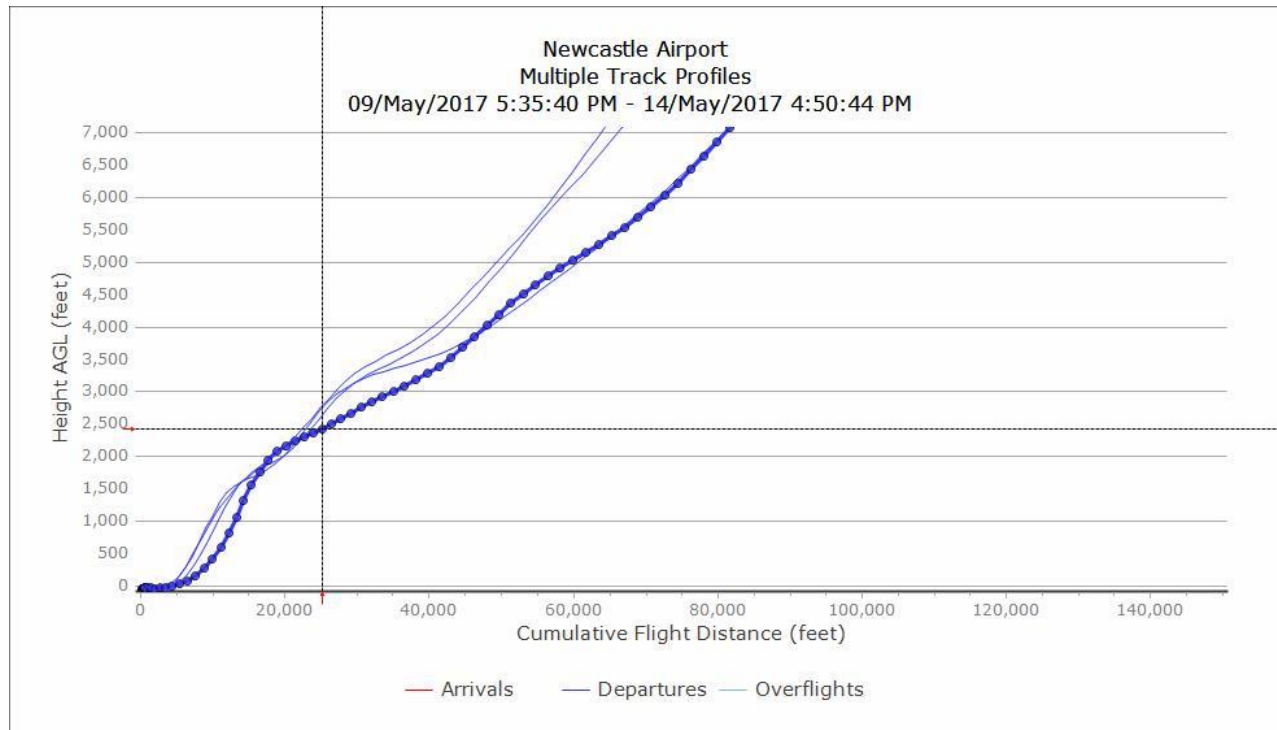
- CAA requested additional plots to demonstrate aircraft types ability to reach the designated waypoint
- NIAL appointed the Noise and Track keeping provider (EMS Brüel & Kjær) to produce vertical profile plots
- The plots confirm that aircraft meet or exceed the required height level by the relevant waypoint
- The data has been obtained from the Noise and Track keeping system and a small number of tracks have returned readings which could be attributed to a system/comms error on a small number of tracks.

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- **Q2 2017 – Vertical Track Plots**
GIRLI 1Y
Waypoint NTW03

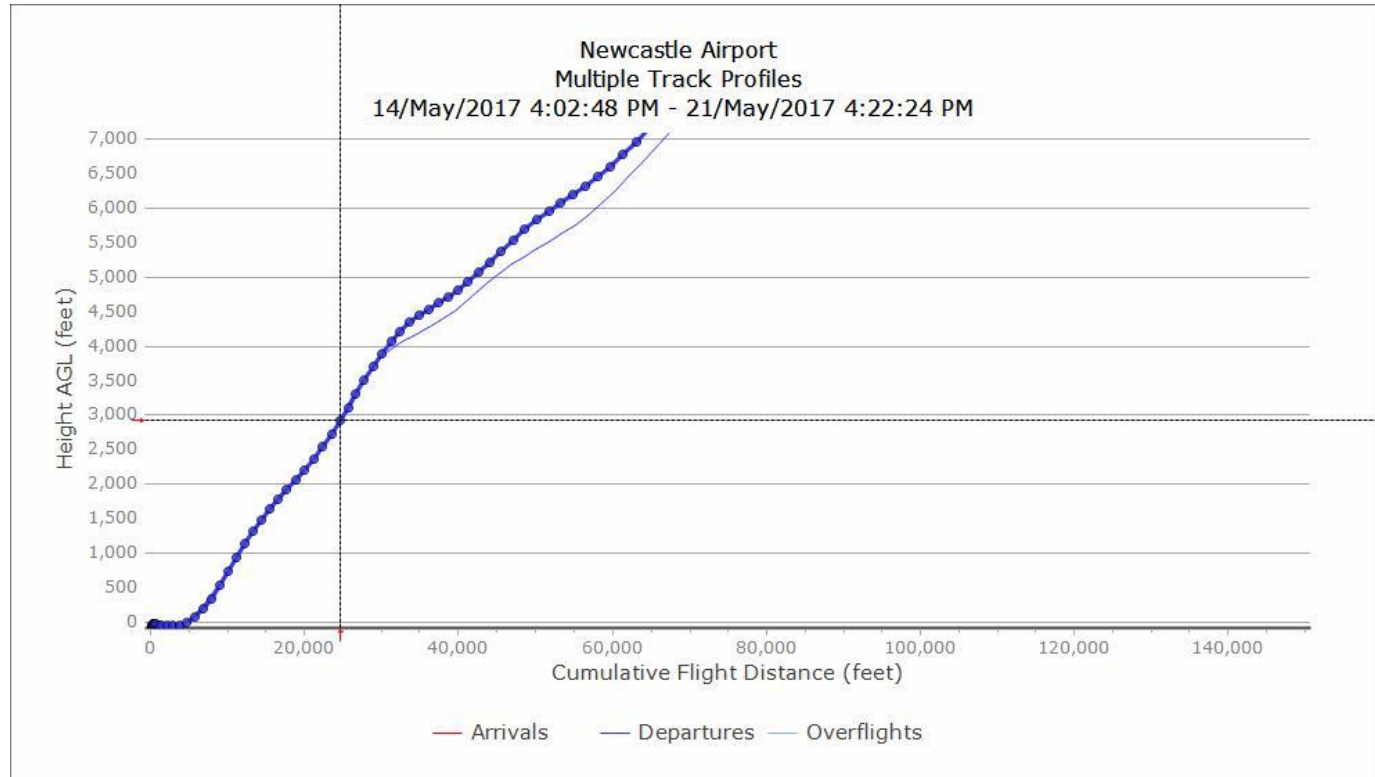
8/5/17 – 21/5/17, GIRLI 1Y A319 (11 TRACKS)



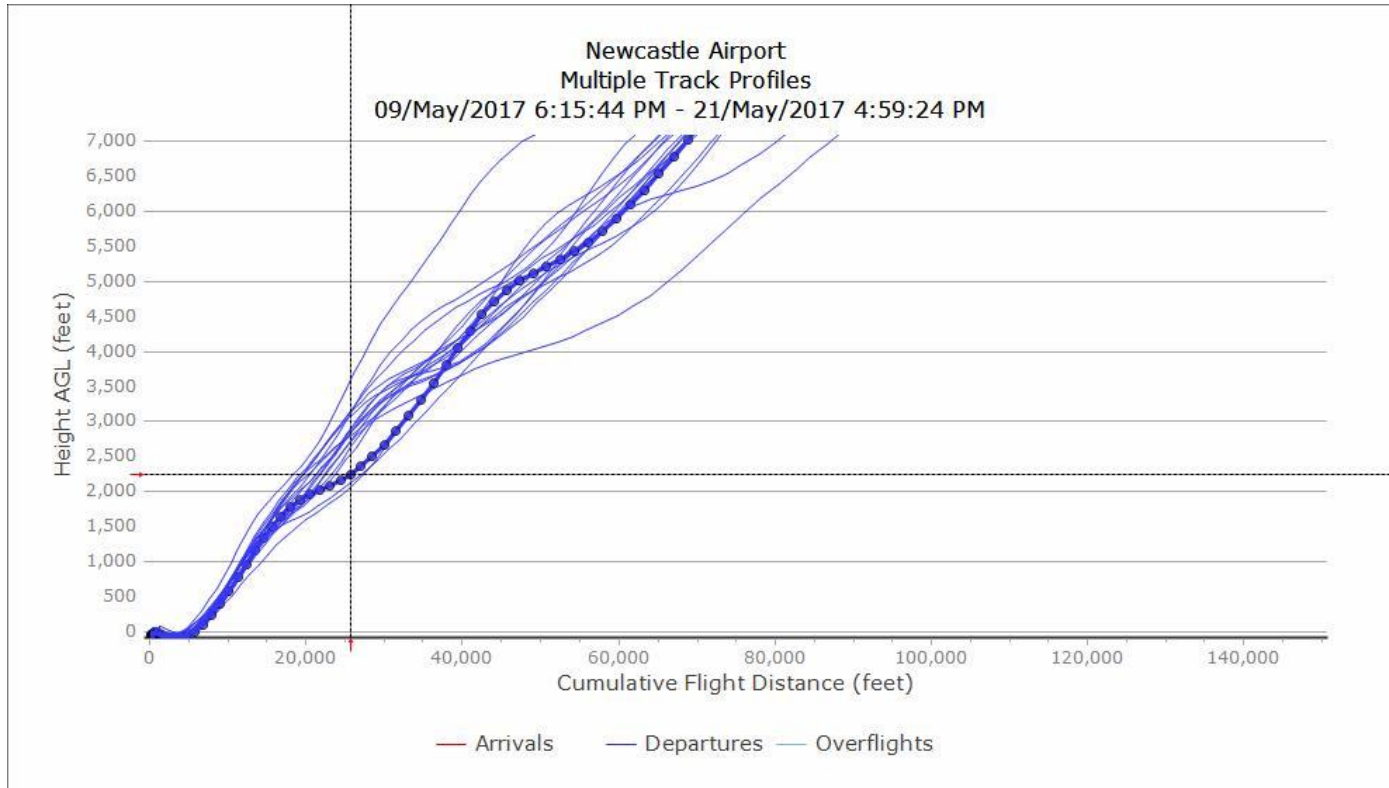
8/5/17 – 21/5/17, GIRLI 1Y A320 (4 TRACKS)



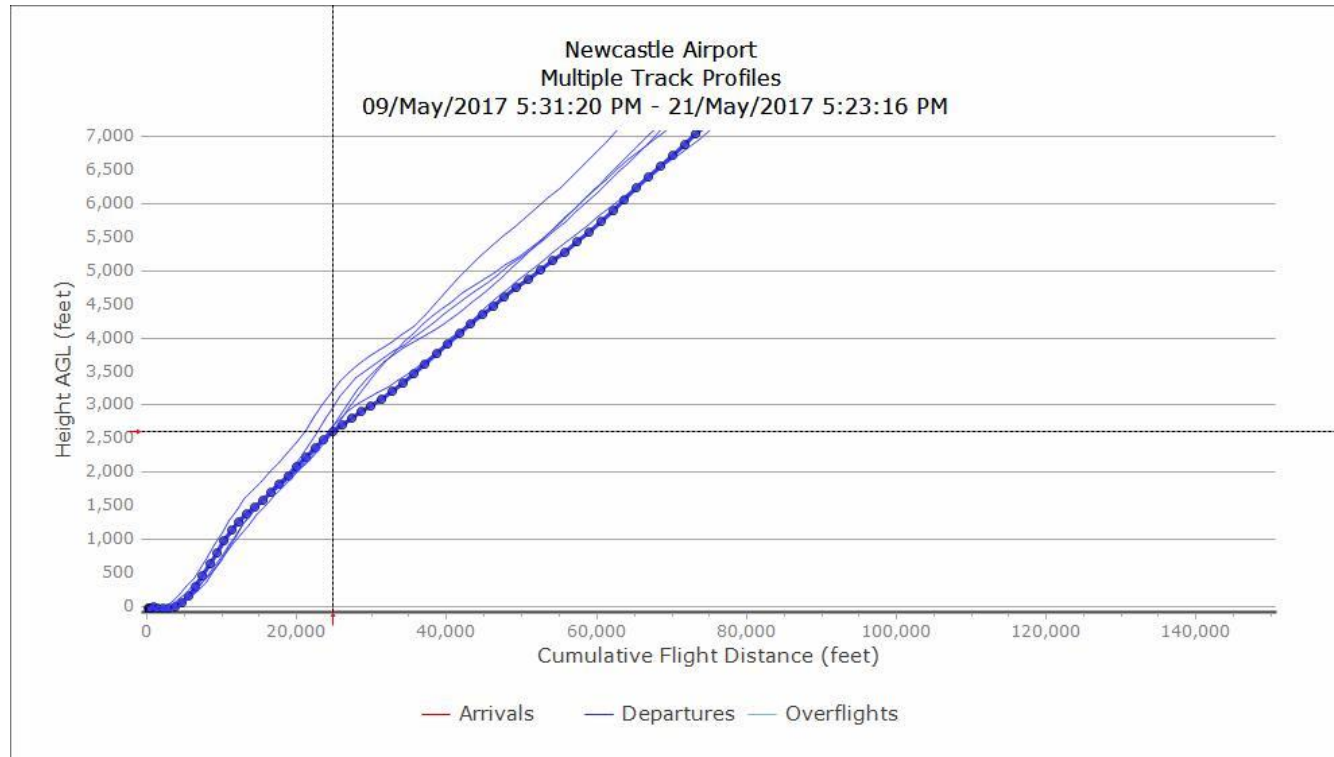
8/5/17 – 21/5/17, GIRLI 1Y B733 (2 TRACKS)



8/5/17 – 21/5/17, GIRLI 1Y B738 (18 TRACKS)

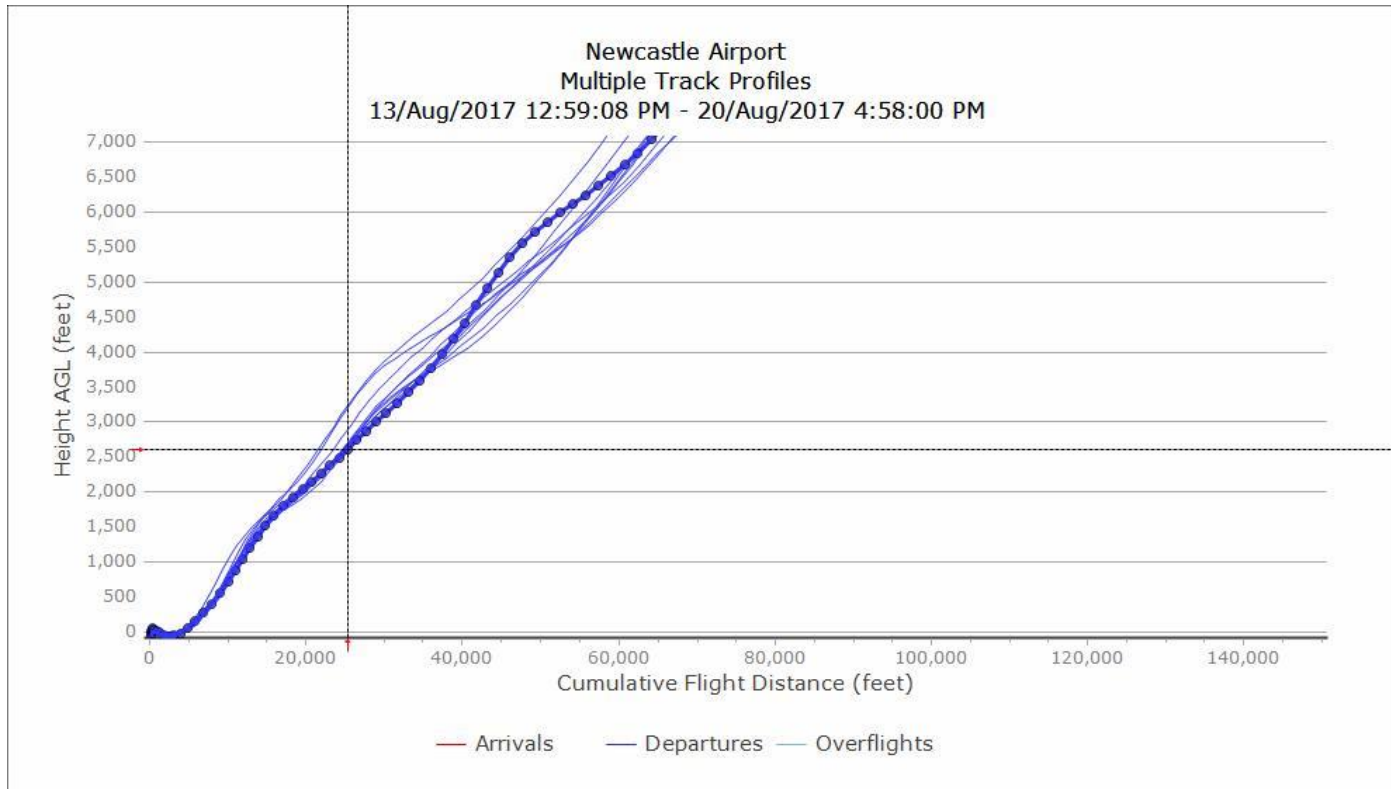


8/5/17 – 21/5/17, GIRLI 1Y DH8D (6 TRACKS)

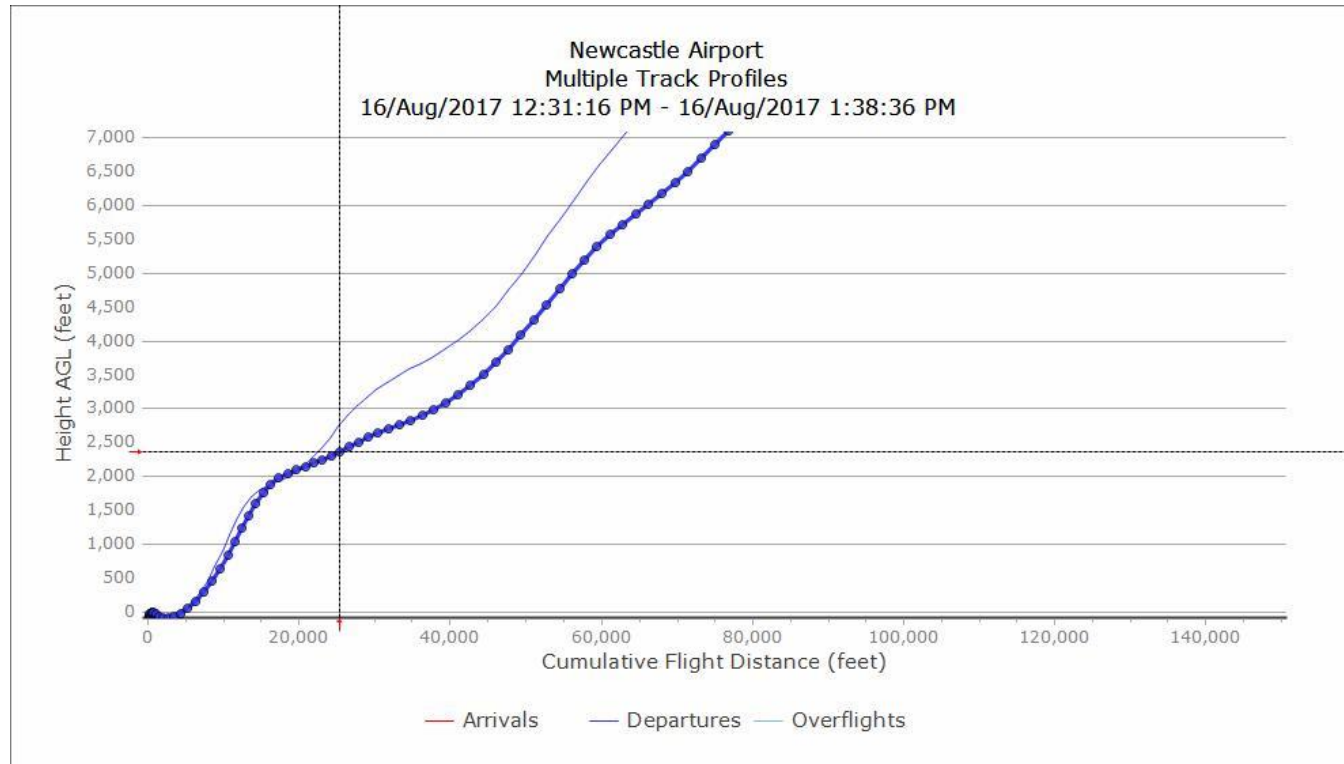


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- **Q3 2017 – Vertical Track Plots**
 - **GIRLI 1Y**
 - **Waypoint NTW03**

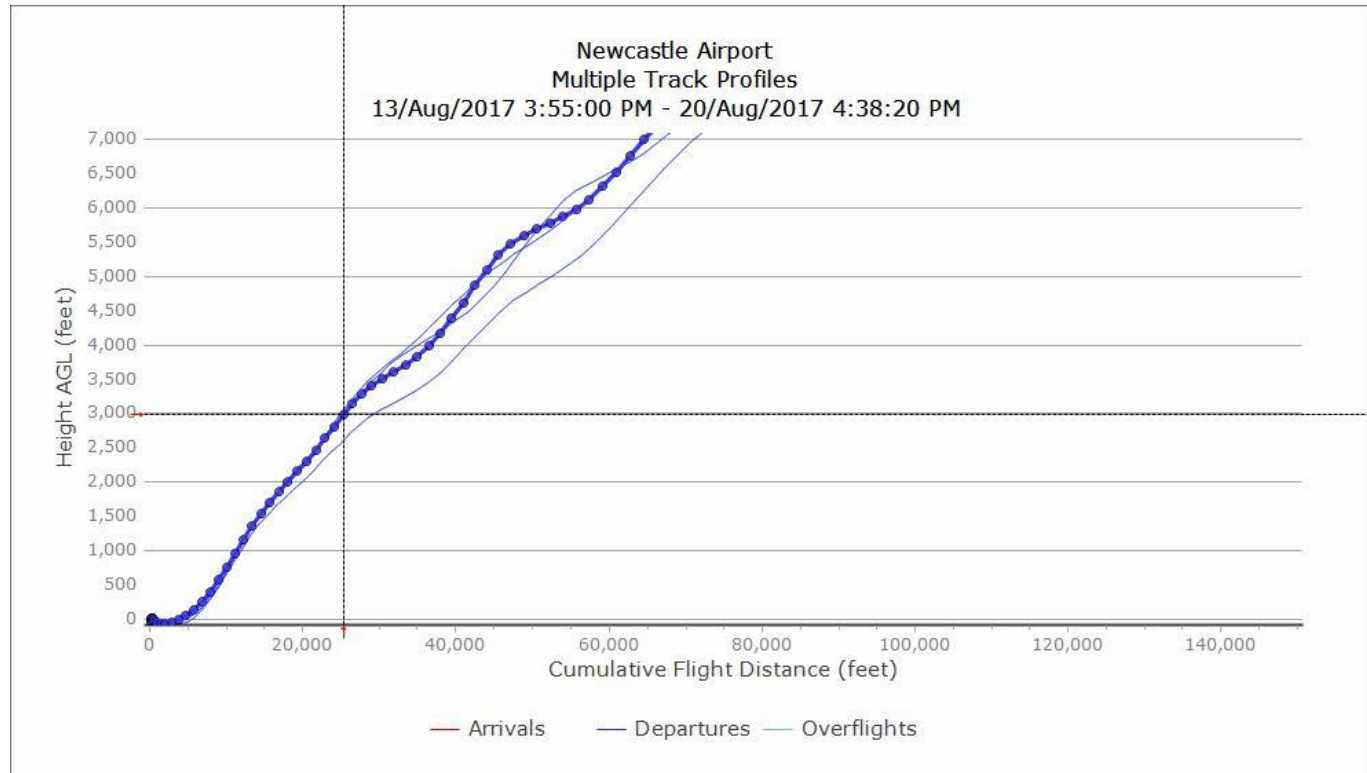
7/8/17 – 28/8/17, GIRLI 1Y A319 (10 TRACKS)



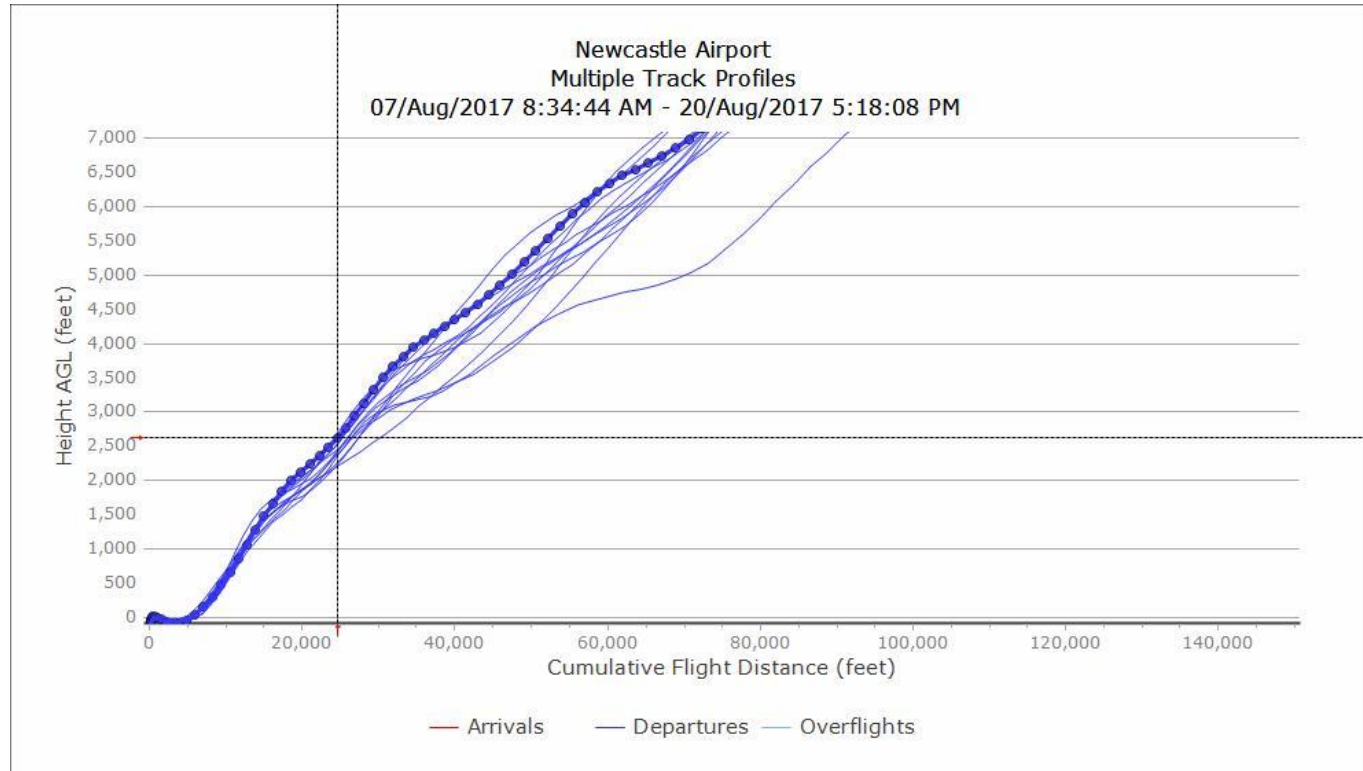
7/8/17 – 28/8/17, GIRLI 1Y A320 (2 TRACKS)



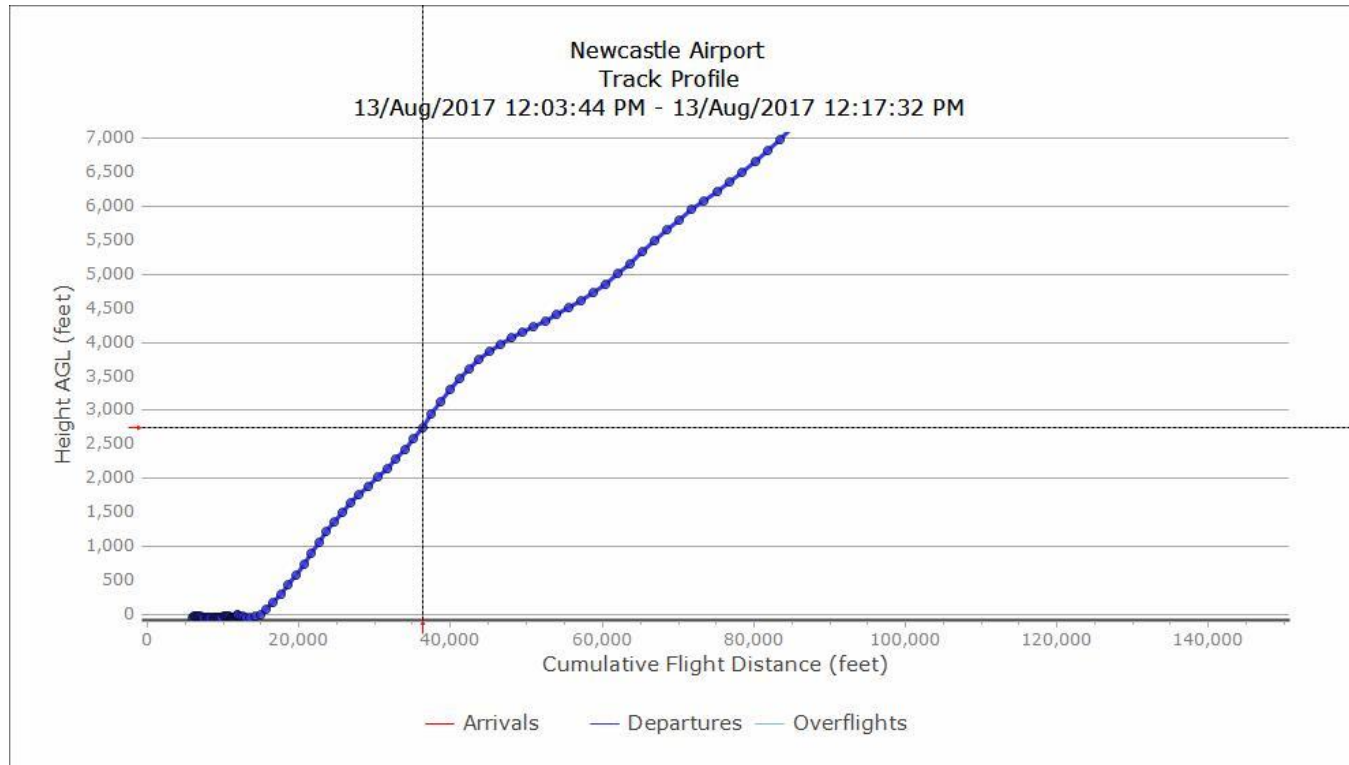
7/8/17 – 28/8/17, GIRLI 1Y B733 (4 TRACKS)



7/8/17 – 28/8/17, GIRLI 1Y B738 (13 TRACKS)

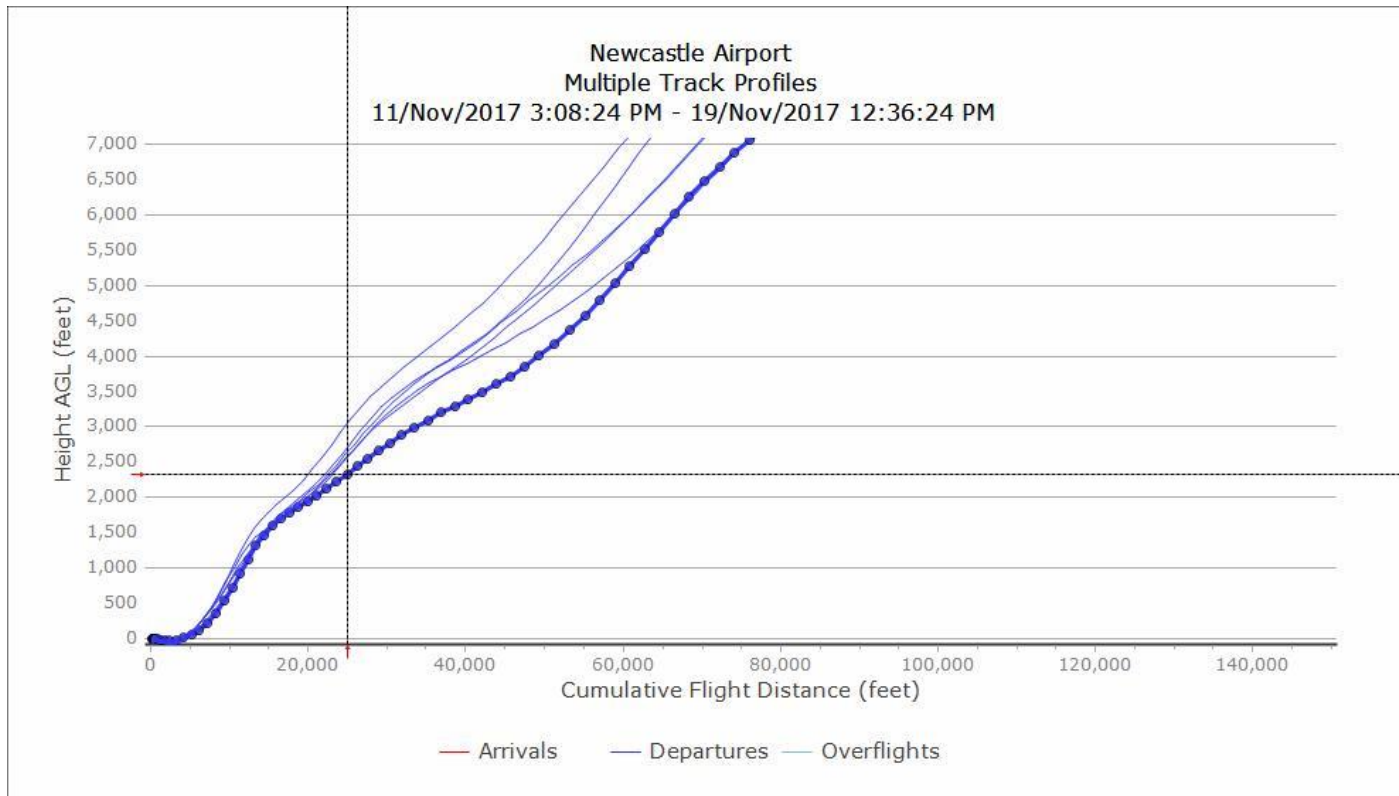


7/8/17 – 28/8/17, GIRLI 1Y DH8D (1 TRACKS)

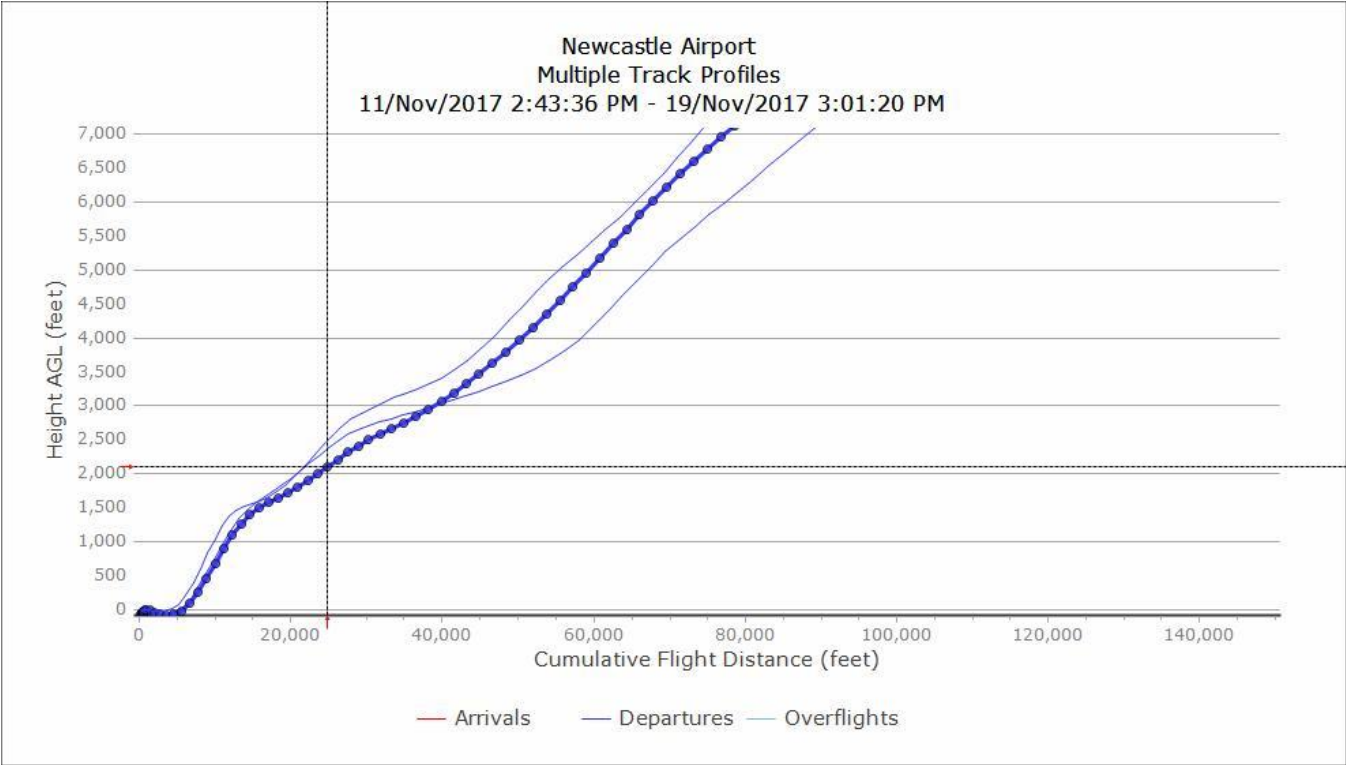


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- Q4 2017 – Vertical Track Plots
 - GIRLI 1Y
 - Waypoint NTW03

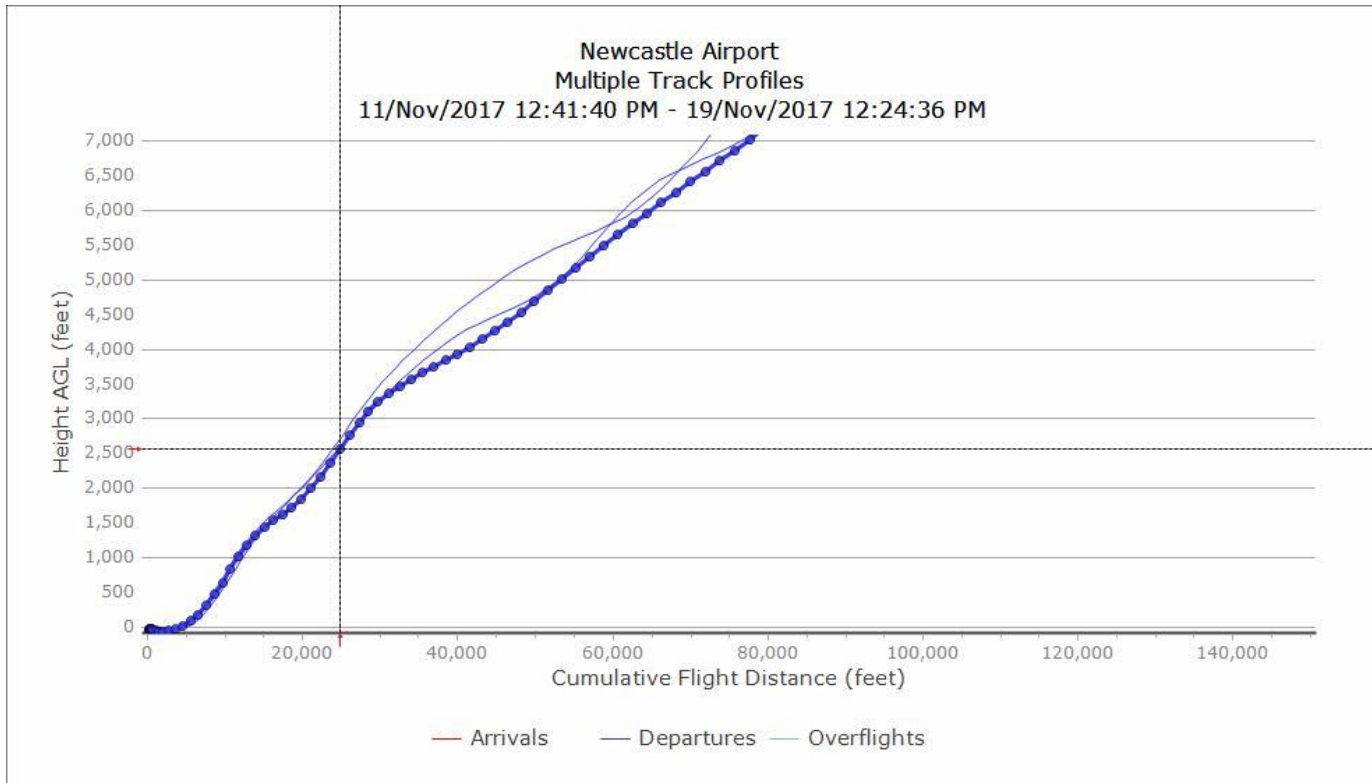
6/11/17 – 19/11/17, GIRLI 1Y A319 (6 TRACKS)



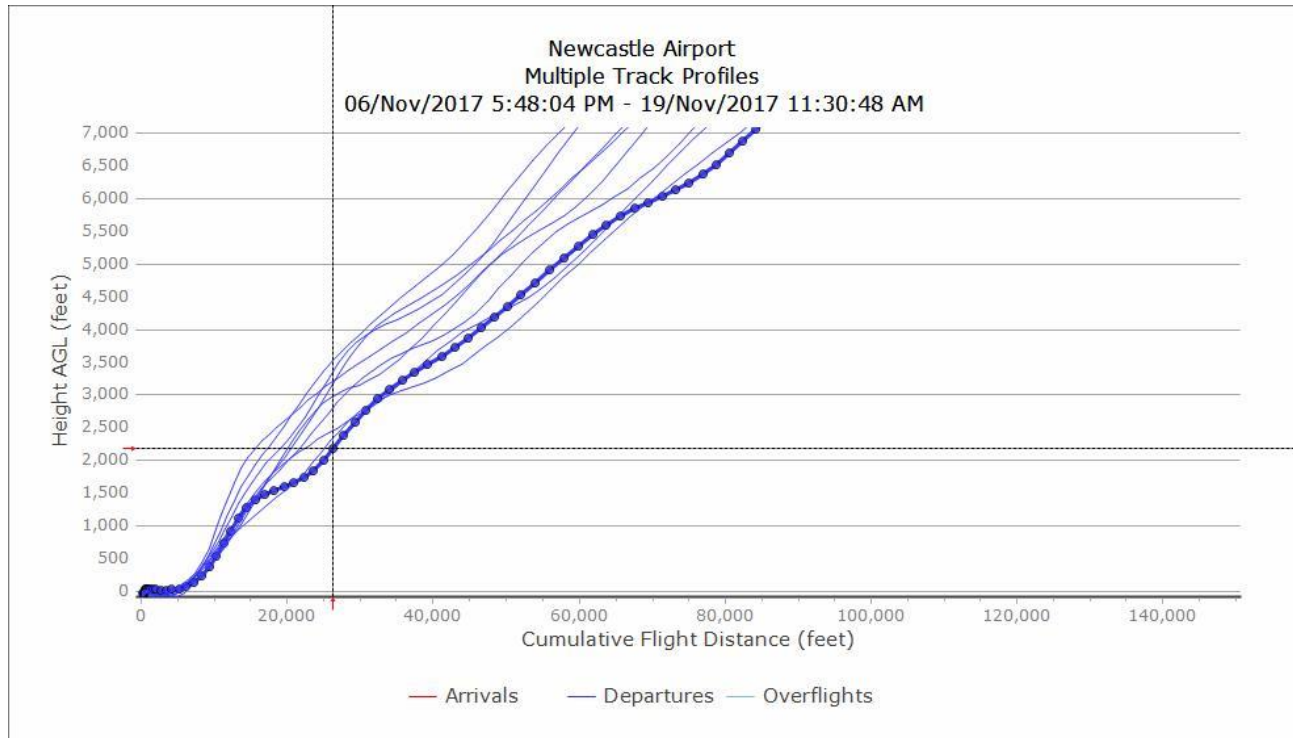
6/11/17 – 19/11/17, GIRLI 1Y A320 (3 TRACKS)



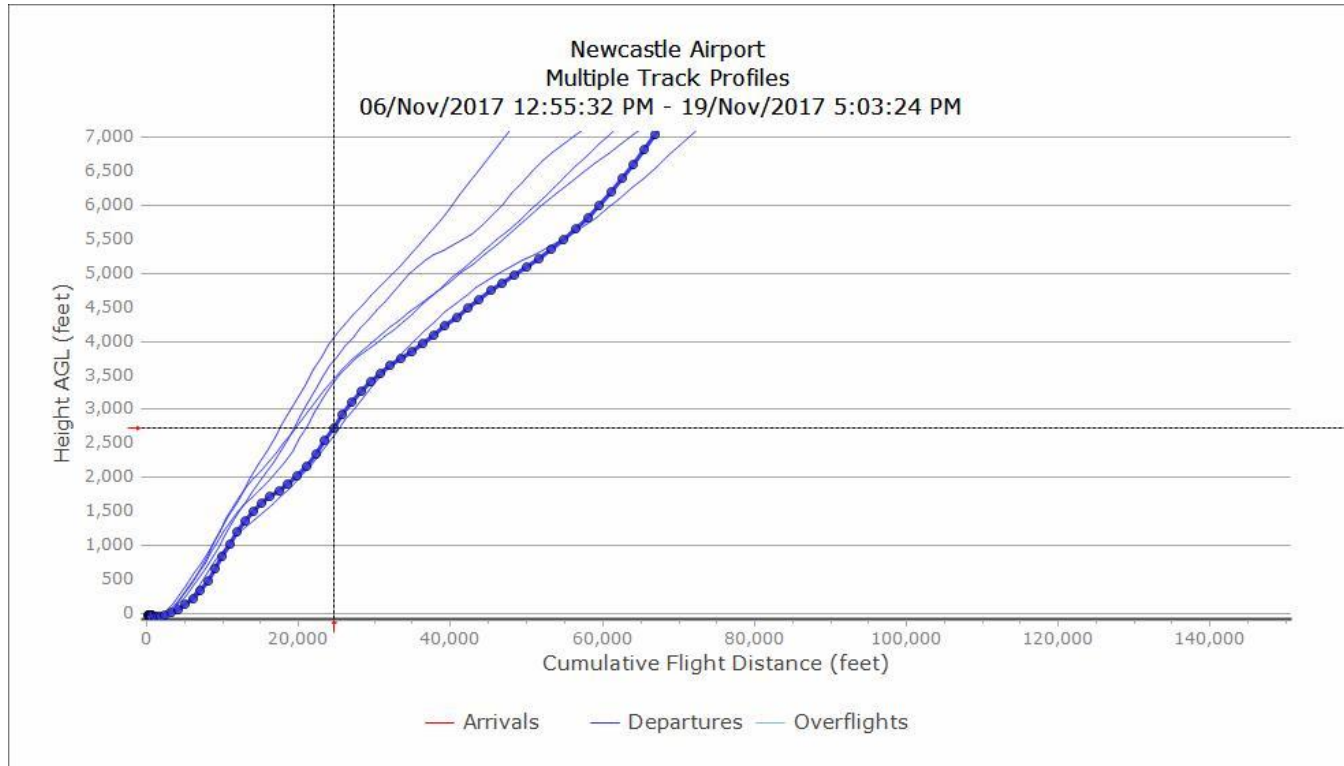
6/11/17 – 19/11/17, GIRLI 1Y B733 (3 TRACKS)



6/11/17 – 19/11/17, GIRLI 1Y B738 (9 TRACKS)

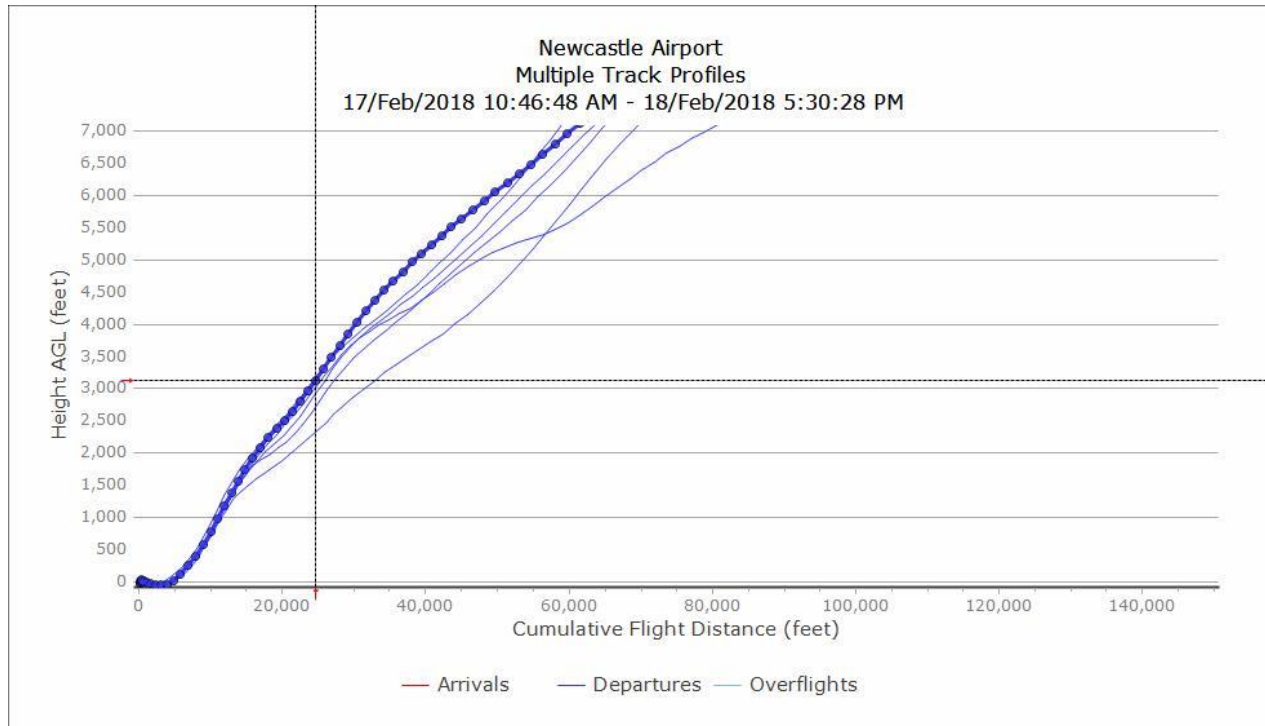


6/11/17 – 19/11/17, GIRLI 1Y DH8D (6 TRACKS)



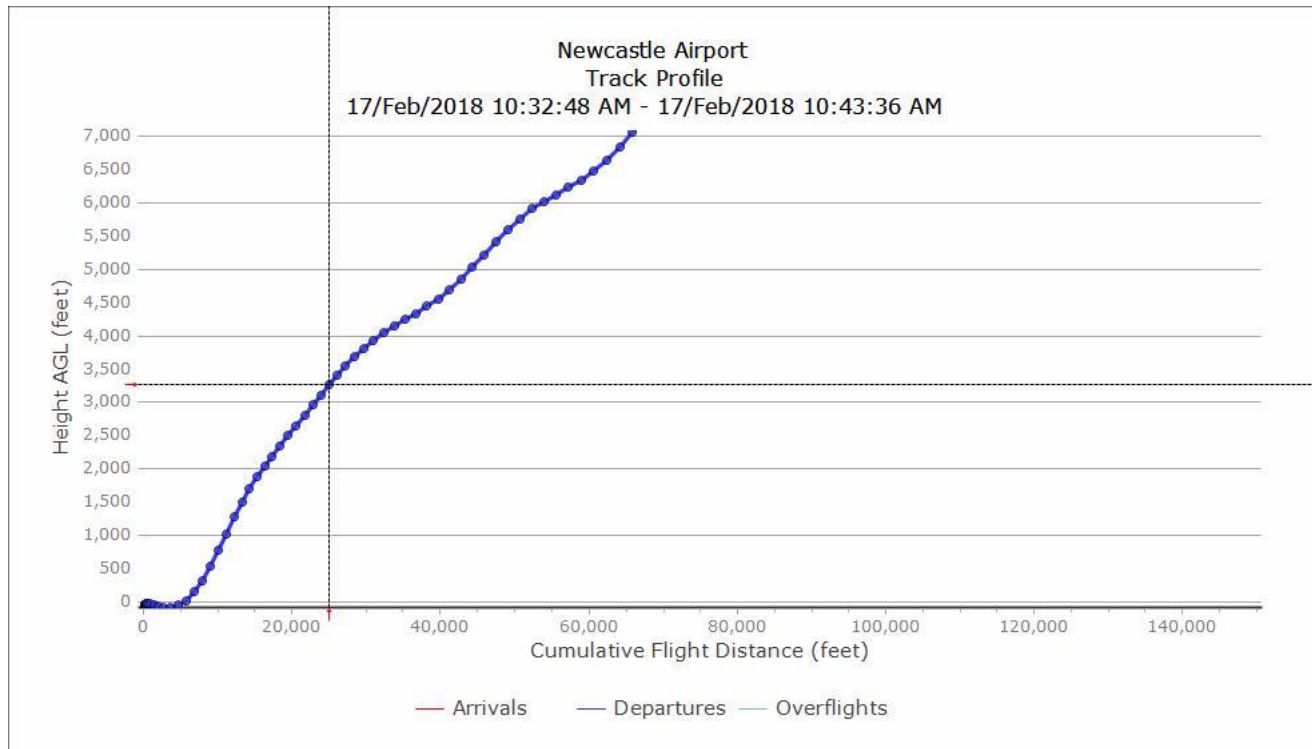
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- **Q1 2018 – Vertical Track Plots**
 - **GIRLI 1Y**
 - **Waypoint NTW03**

5/2/18 – 18/2/18, GIRLI 1Y A319 (6 TRACKS)

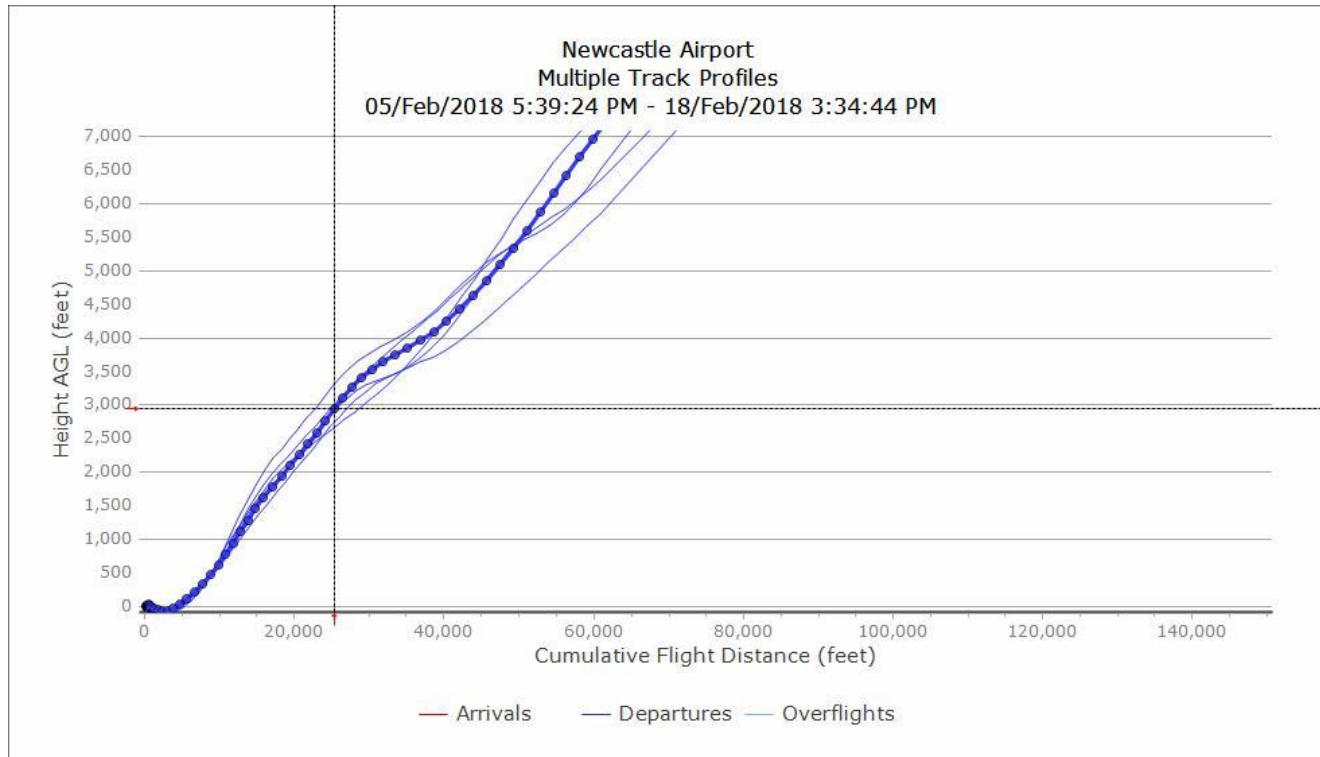


5/2/18 – 18/2/18, GIRLI 1Y A320 (0 TRACKS)

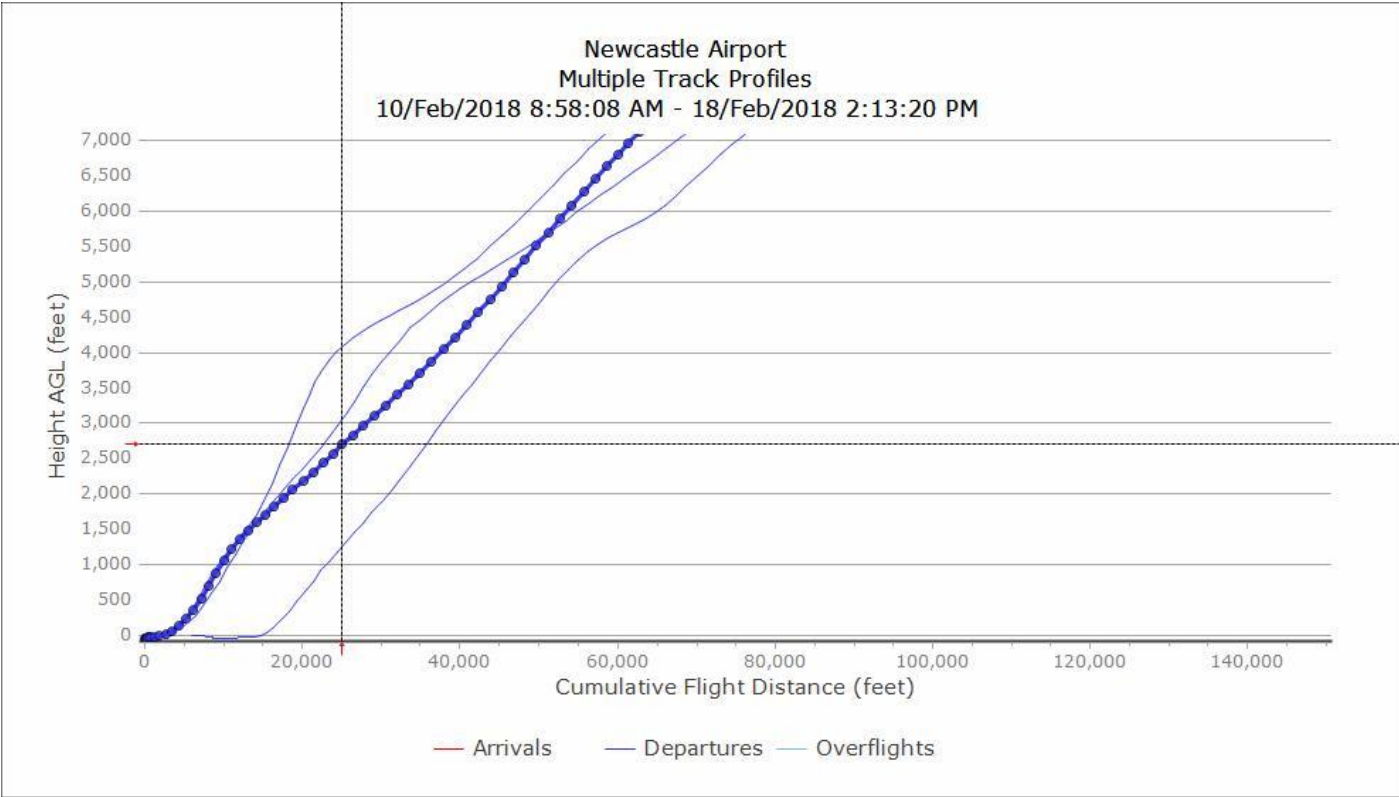
5/2/18 – 18/2/18, GIRLI 1Y B733 (1 TRACKS)



5/2/18 – 18/2/18, GIRLI 1Y B738 (6 TRACKS)

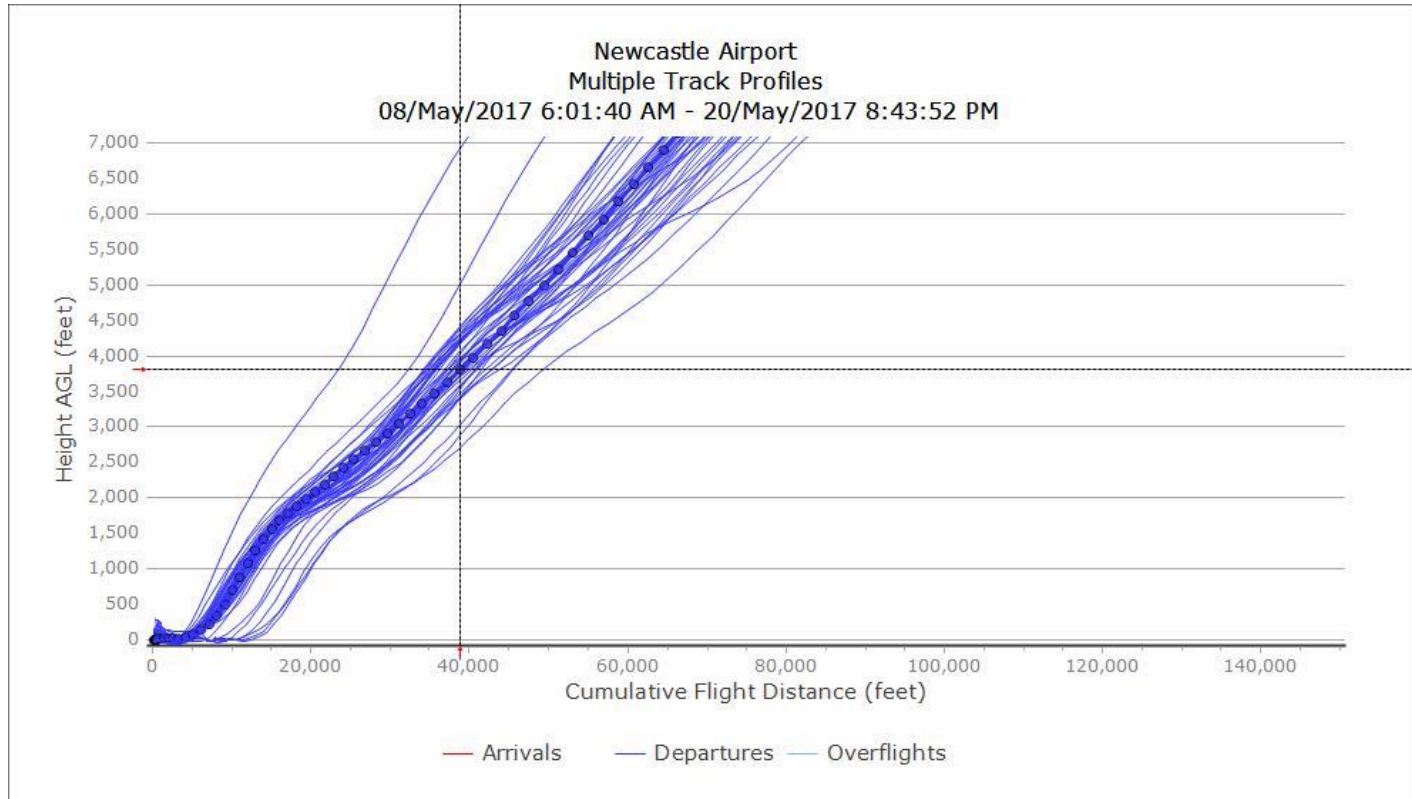


5/2/18 – 18/2/18, GIRLI 1Y DH8D (4 TRACKS)

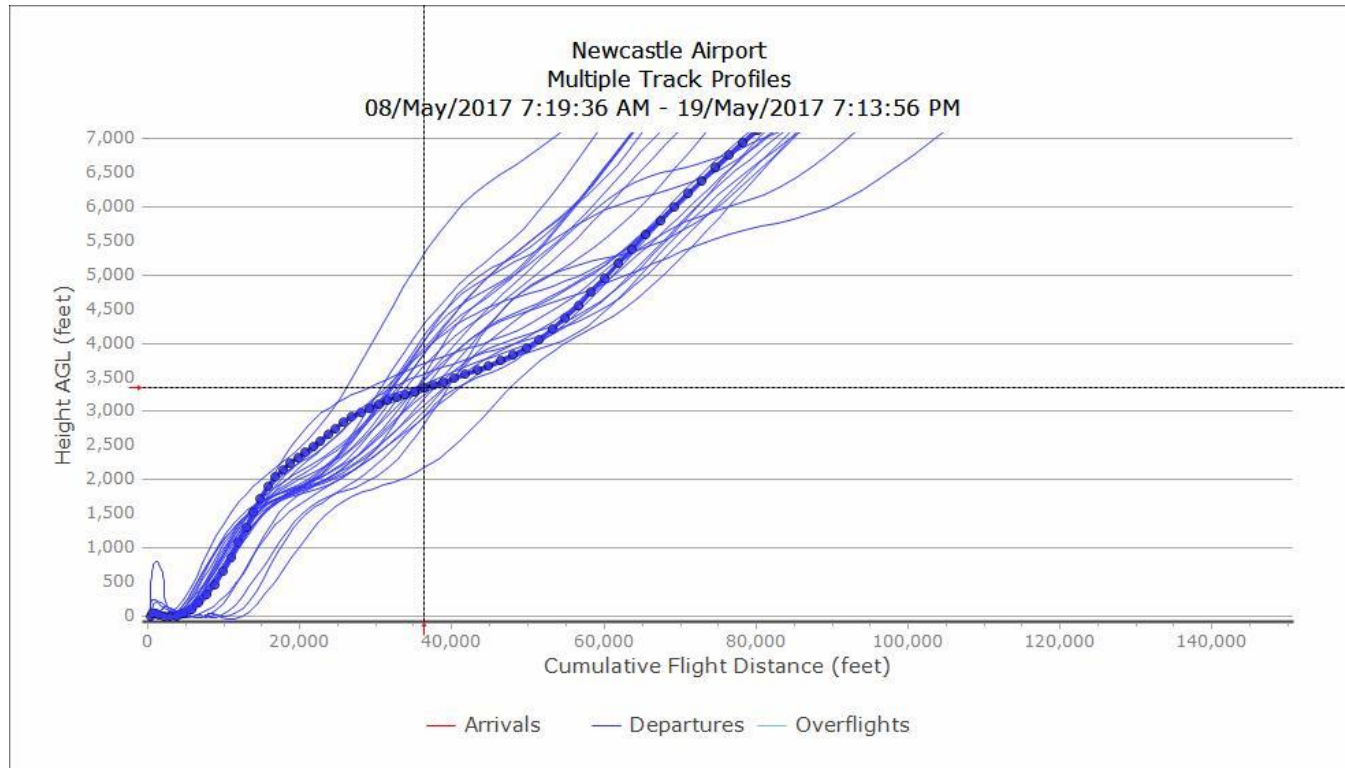


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- **Q2 2017 – Vertical Track Plots**
 - **GIRLI 1T**
 - **Waypoint NTE05**

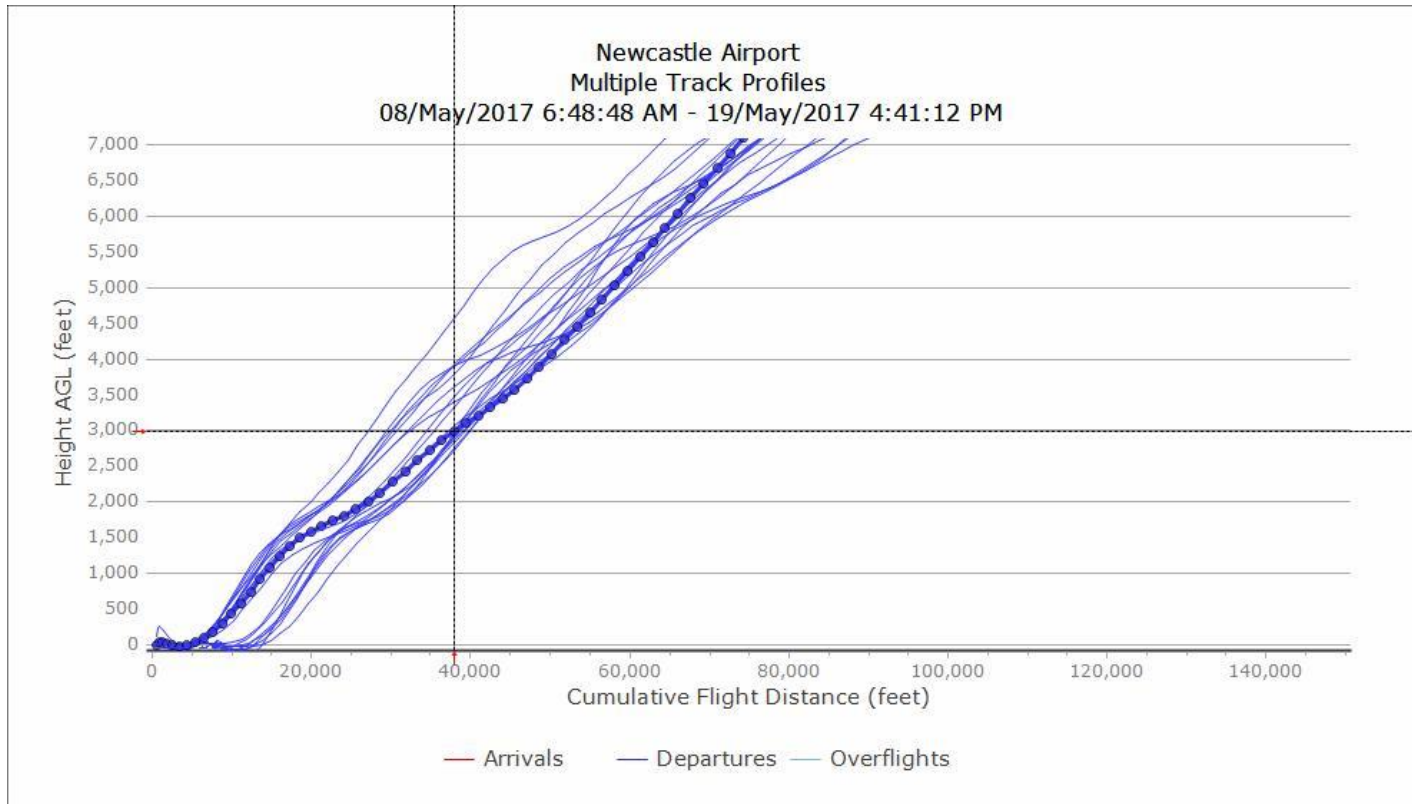
8/5/17 – 21/5/17, GIRLI 1T A319 (47 TRACKS)



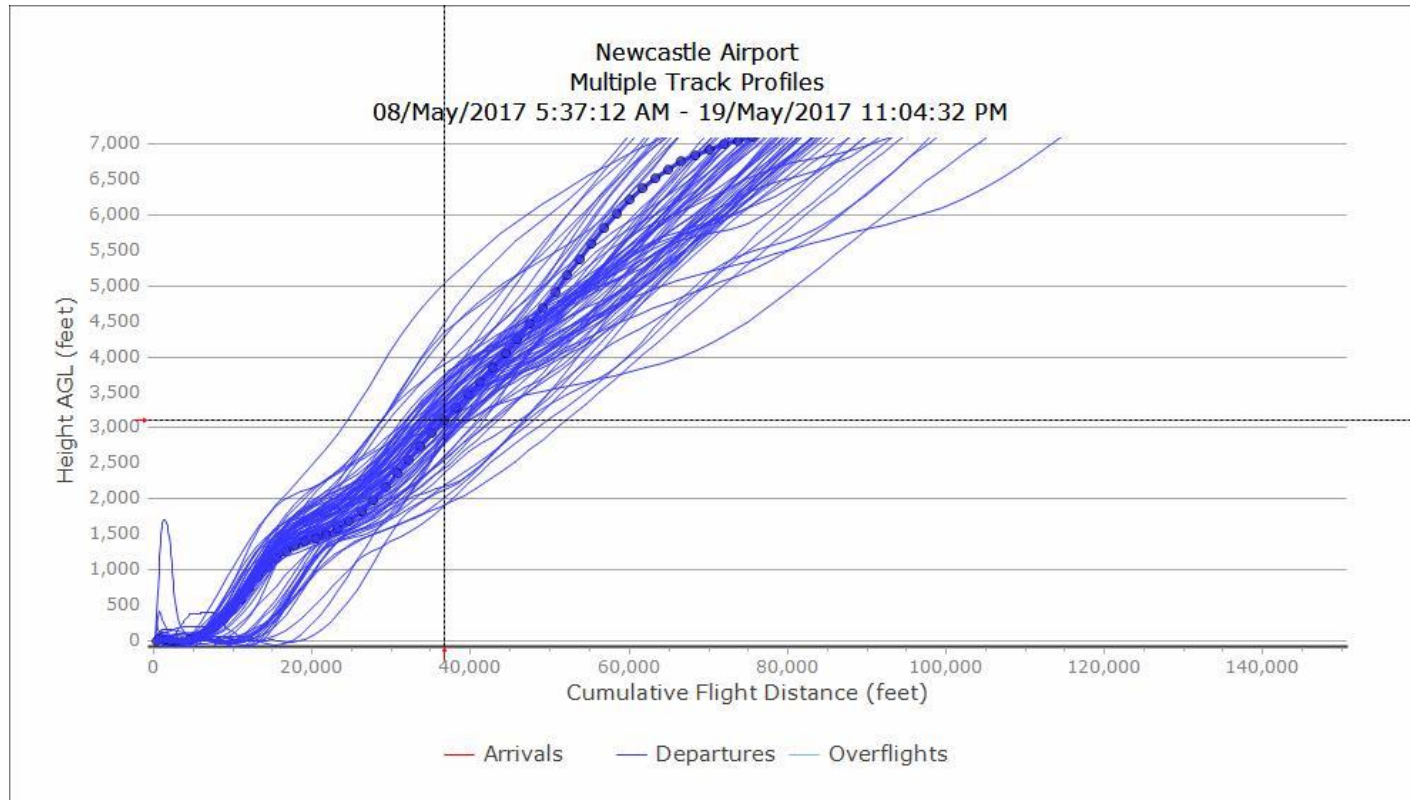
8/5/17 – 21/5/17, GIRLI 1T A320 (27 TRACKS)



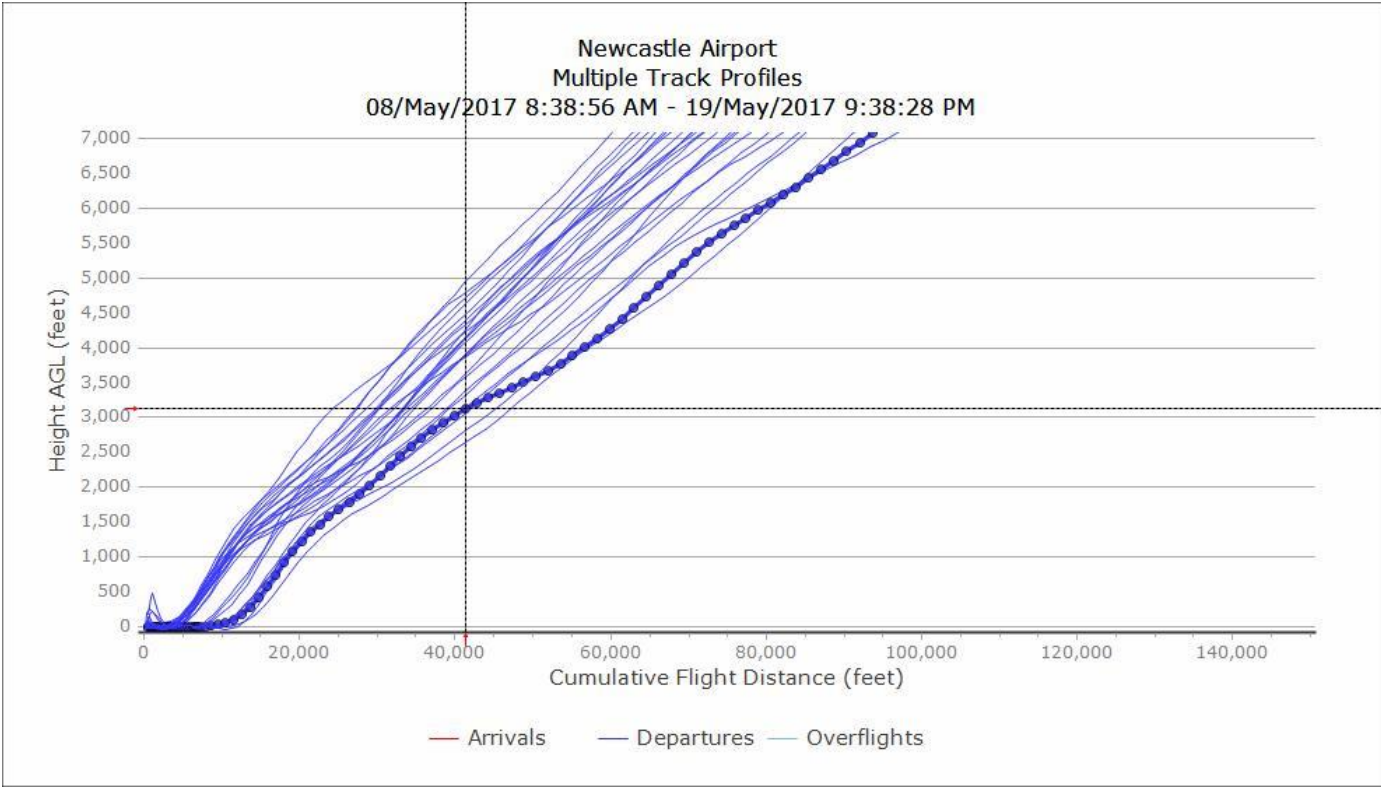
8/5/17 – 21/5/17, GIRLI 1T B733 (14 TRACKS)



8/5/17 – 21/5/17, GIRLI 1T B738 (82 TRACKS)

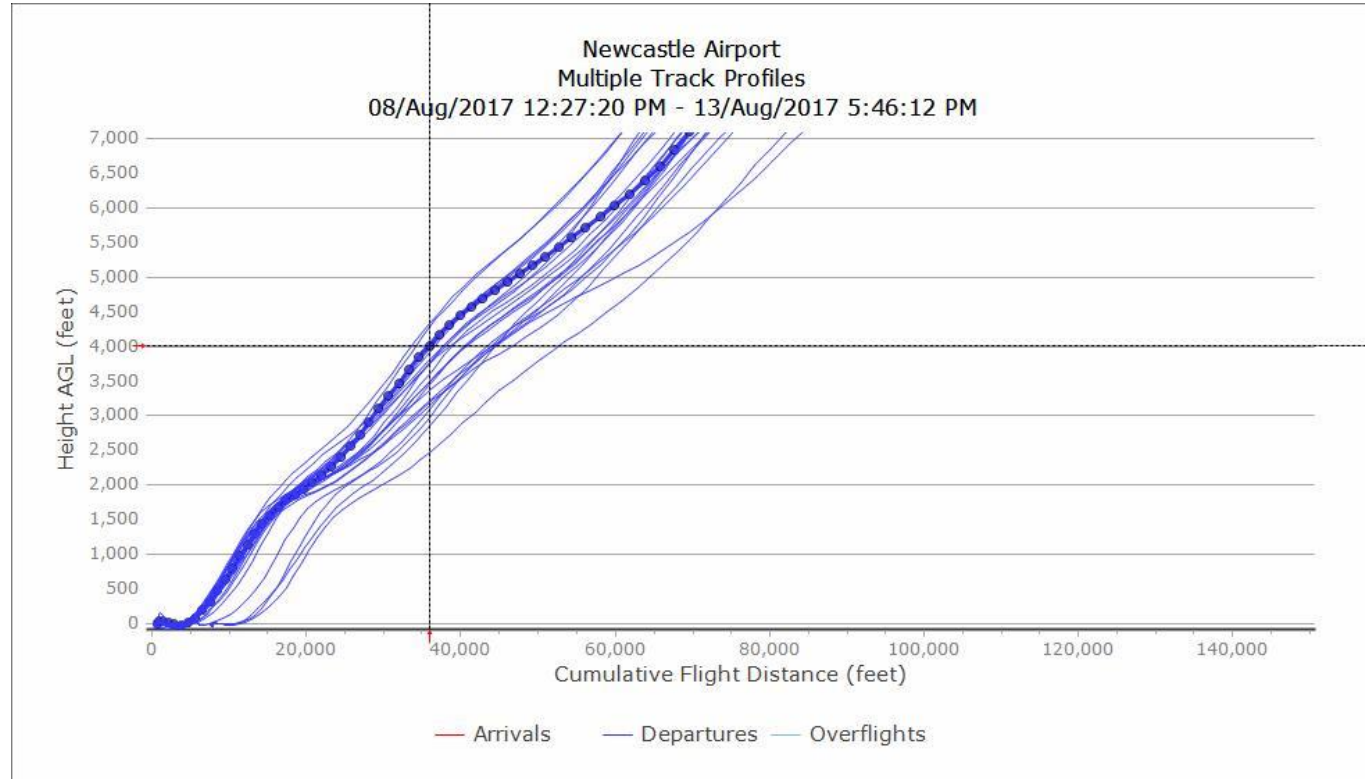


8/5/17 – 21/5/17, GIRLI 1T DH8D (26 TRACKS)

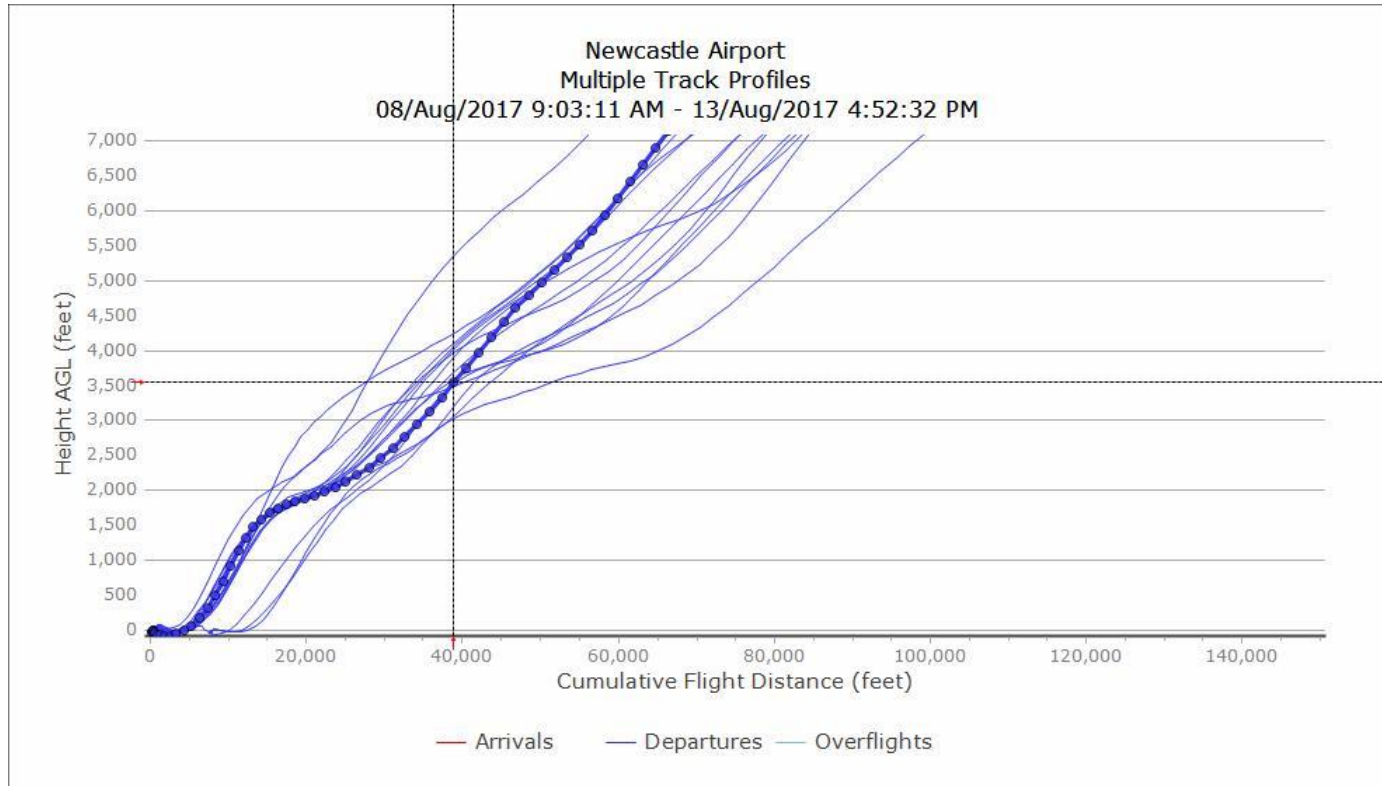


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- **Q3 2017 – Vertical Track Plots**
 - **GIRLI 1T**
 - **Waypoint NTE05**

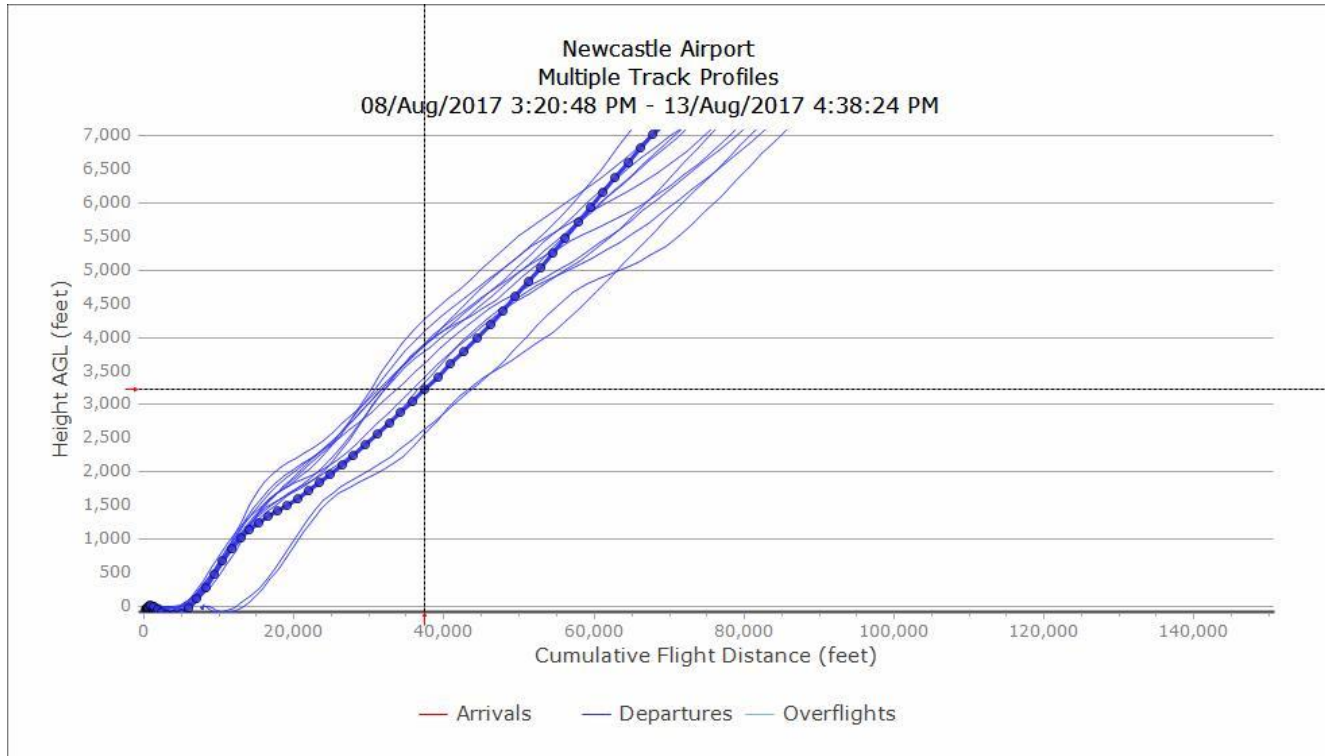
7/8/17 – 28/8/17, GIRLI 1T A319 (22 TRACKS)



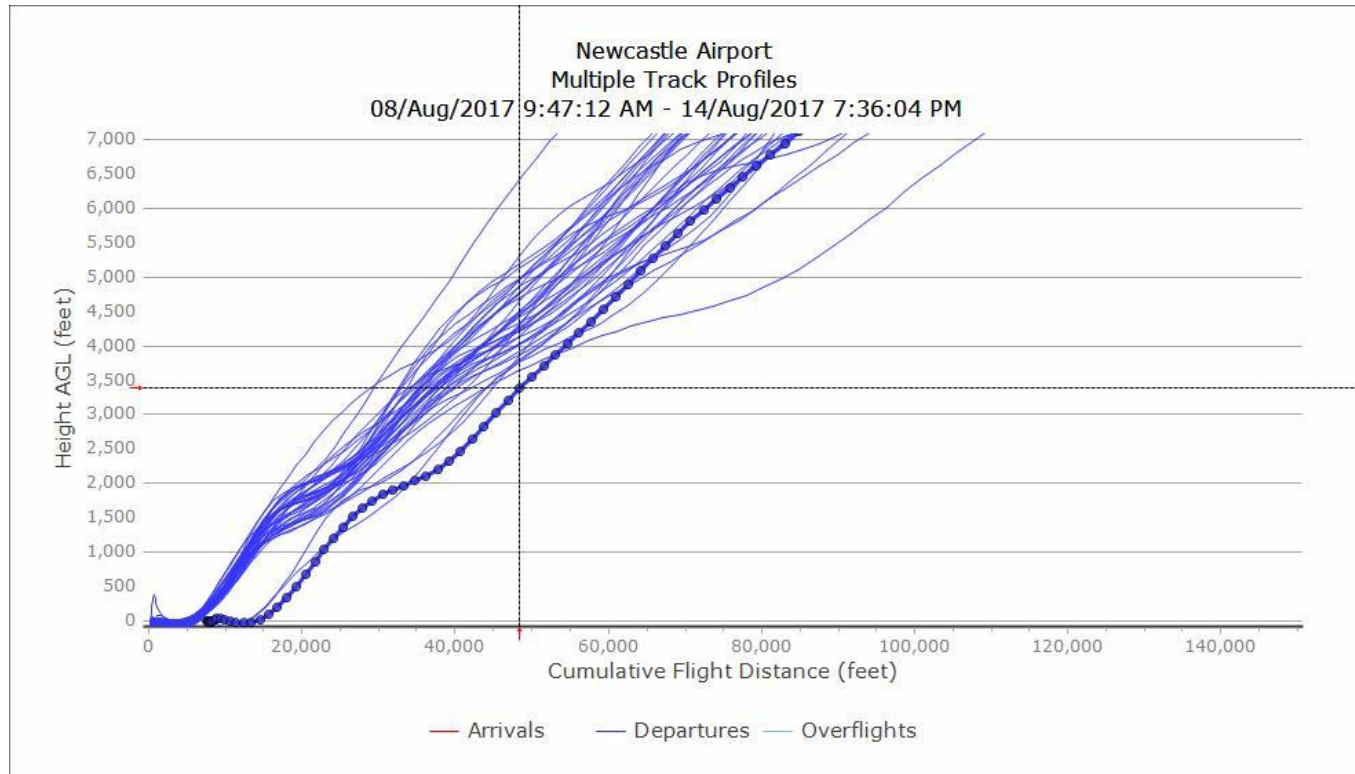
7/8/17 – 28/8/17, GIRLI 1T A320 (15 TRACKS)



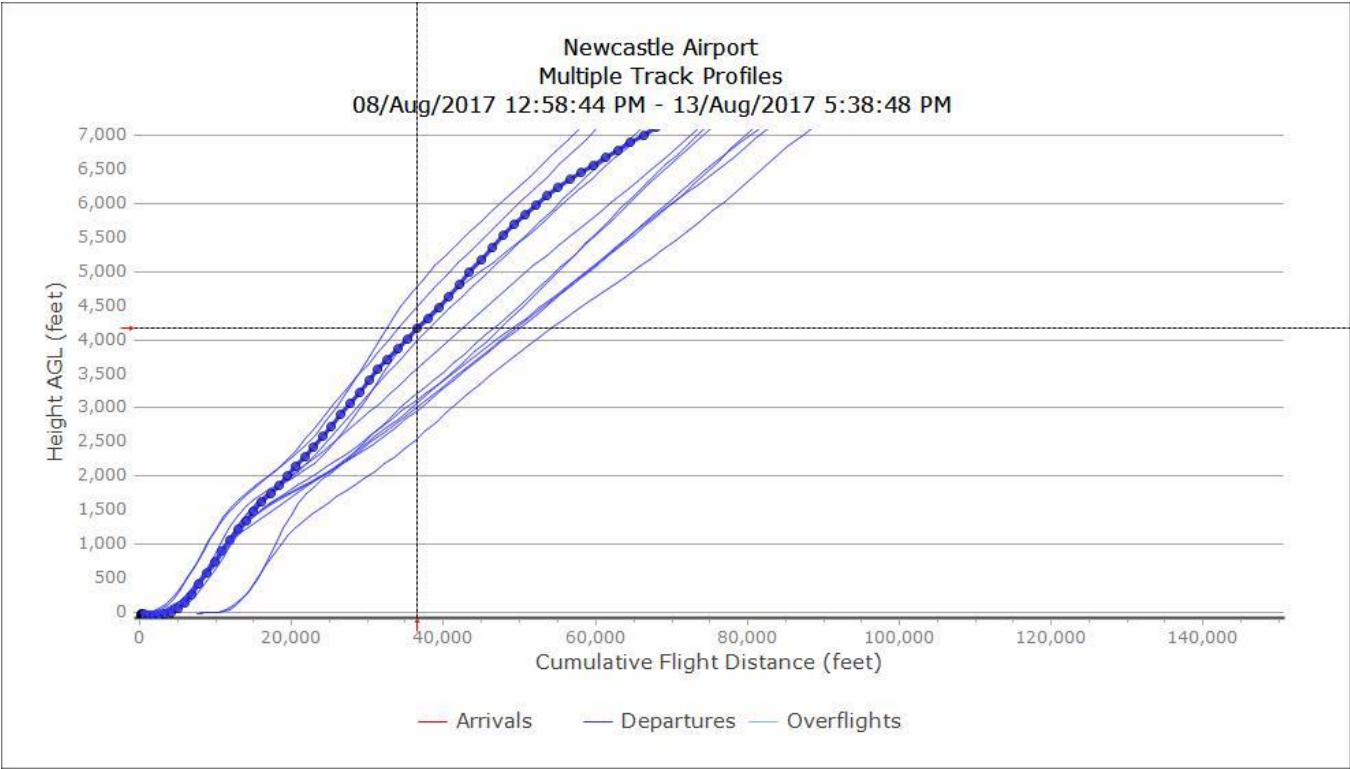
7/8/17 – 28/8/17, GIRLI 1T B733 (13 TRACKS)



7/8/17 – 28/8/17, GIRLI 1T B738 (42 TRACKS)



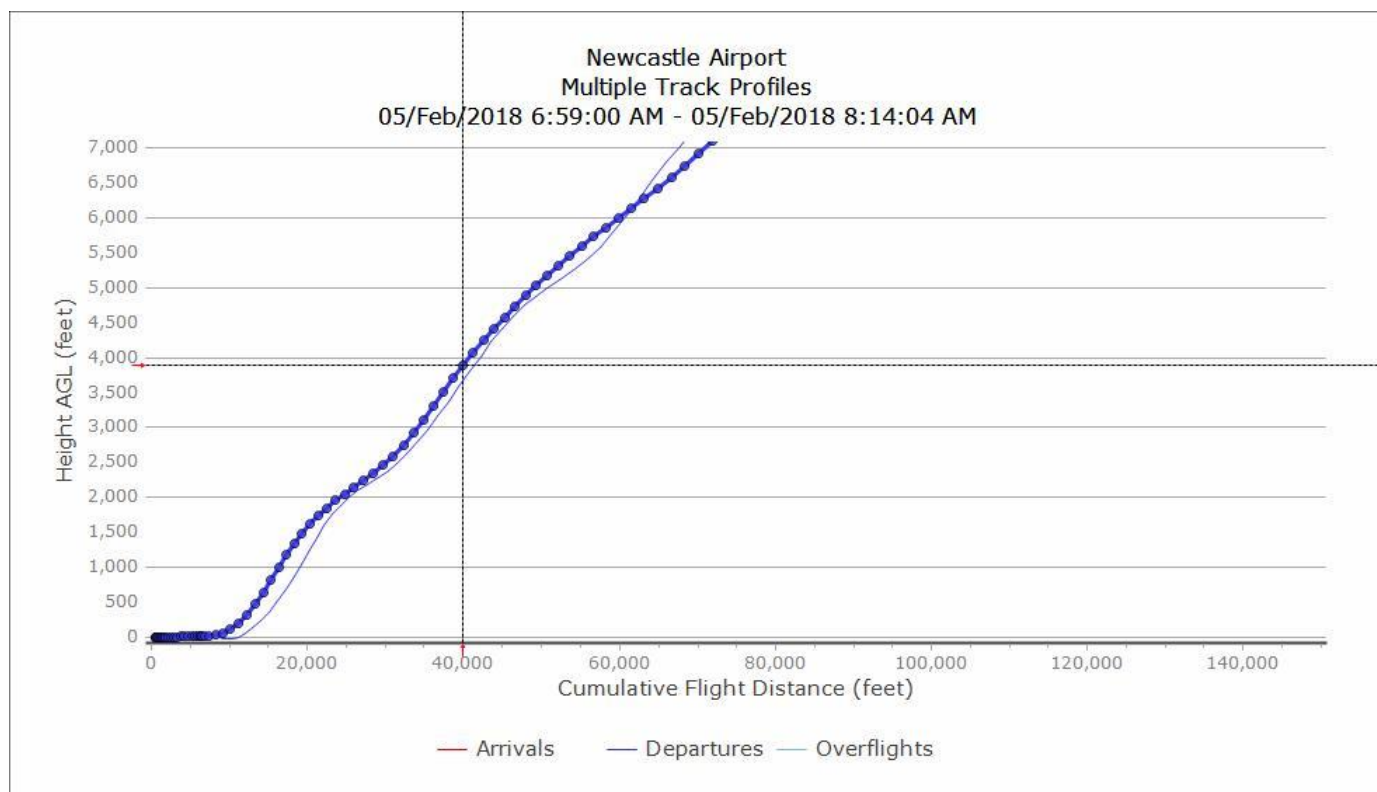
7/8/17 – 28/8/17, GIRLI 1T DH8D (12 TRACKS)



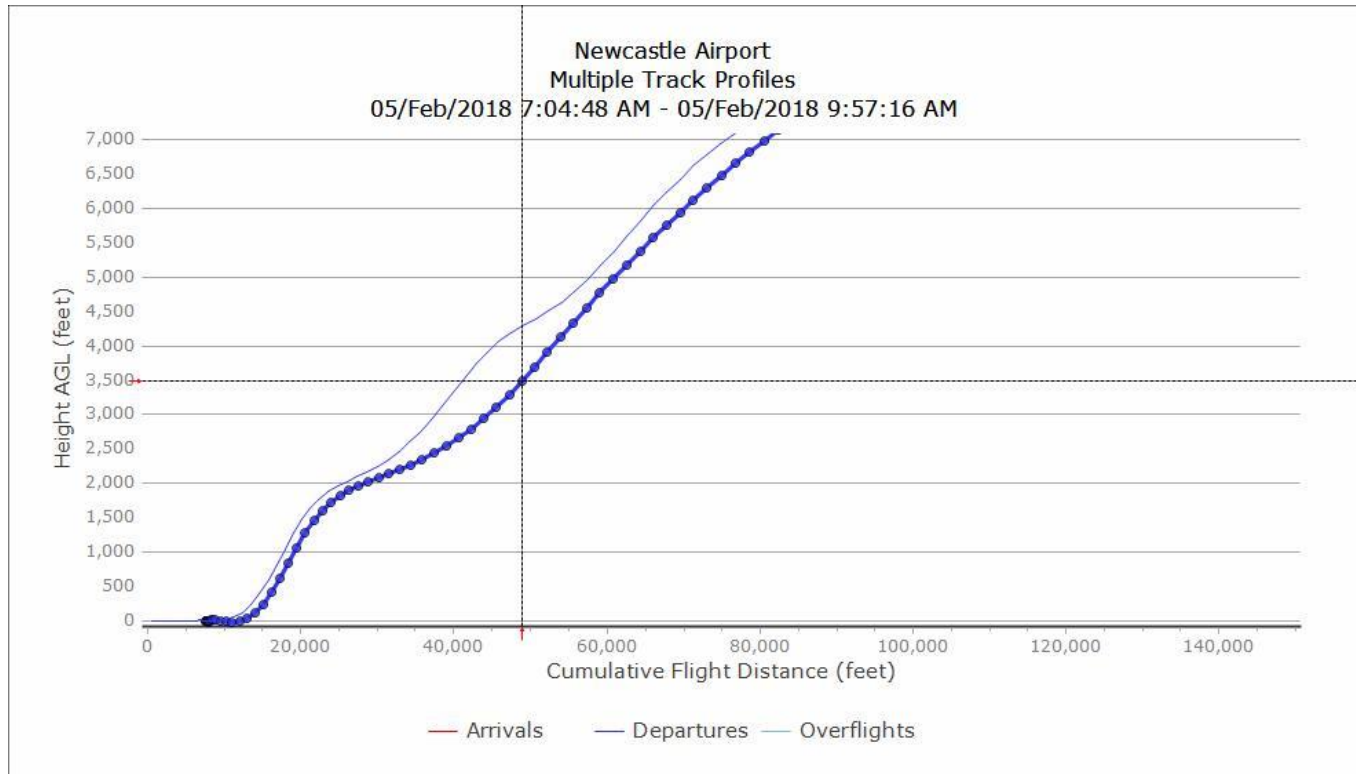
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- Q4 2017 – Vertical Track Plots
 - GIRLI 1T
 - Waypoint NTE05
 - NO TRACKS AVAILABLE ON SID

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- **Q1 2018 – Vertical Track Plots**
 - **GIRLI 1T**
 - **Waypoint NTE05**

5/2/18 – 18/2/18, GIRLI 1T A319 (2 TRACKS)

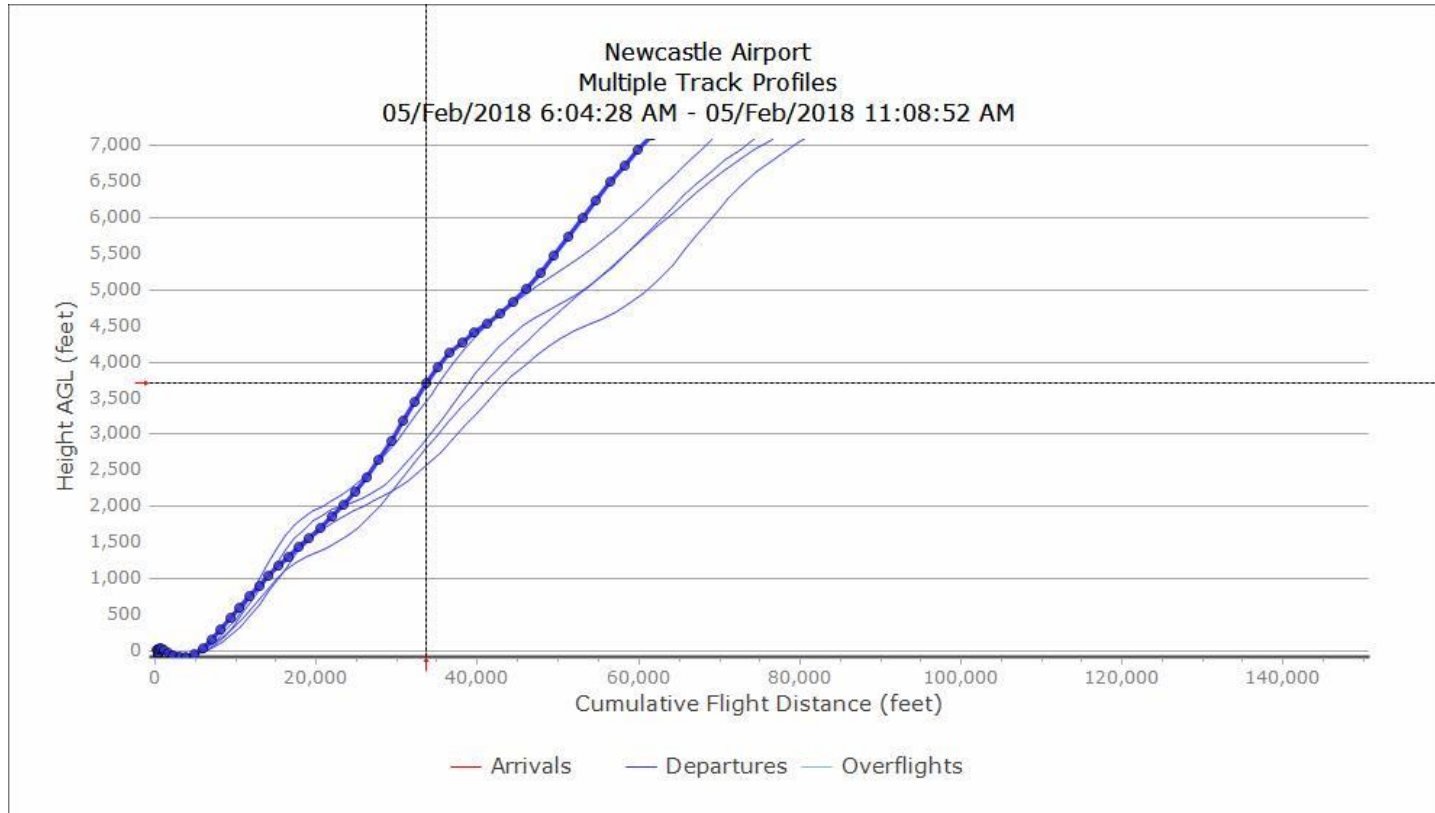


5/2/18 – 18/2/18, GIRLI 1T A320 (2 TRACKS)

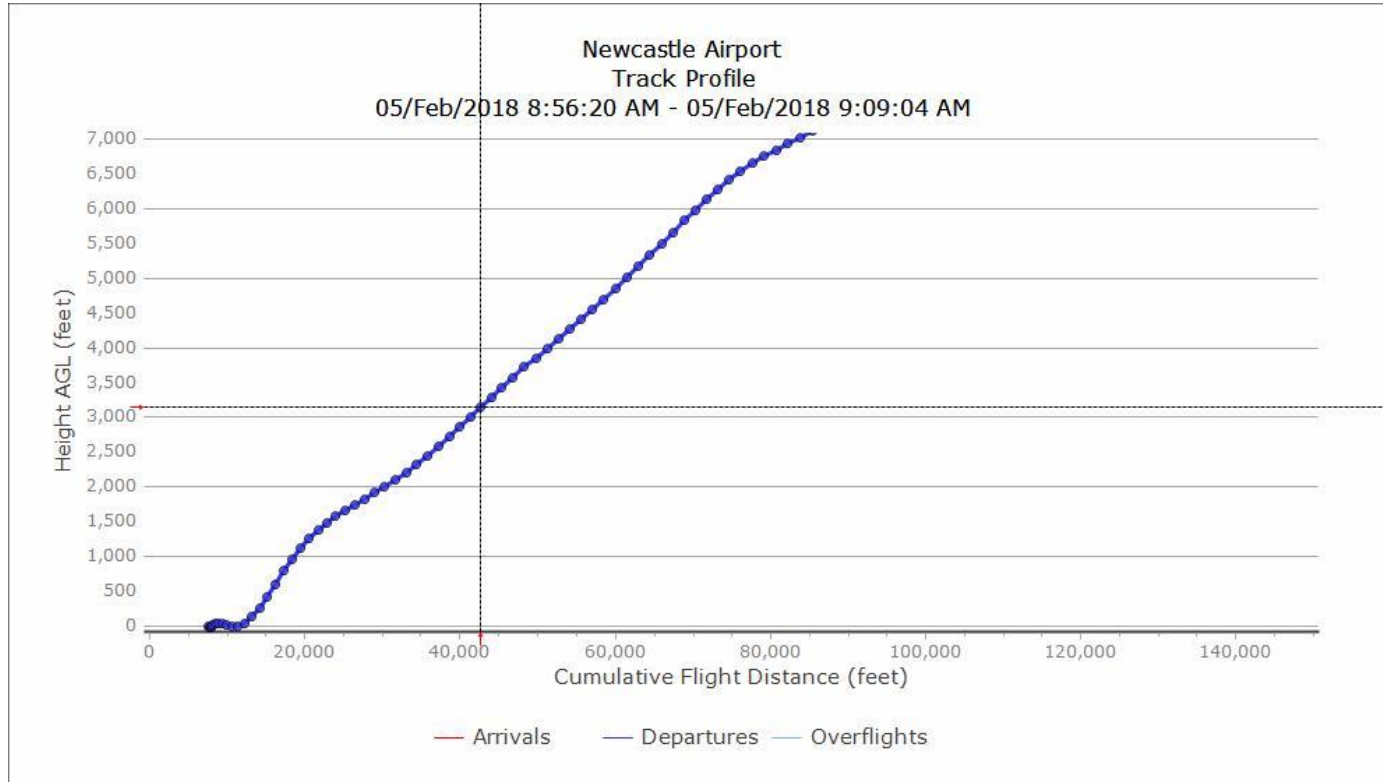


5/2/18 – 18/2/18, GIRLI 1T B733 (0 TRACKS)

5/2/18 – 18/2/18, GIRLI 1T B738 (5 TRACKS)

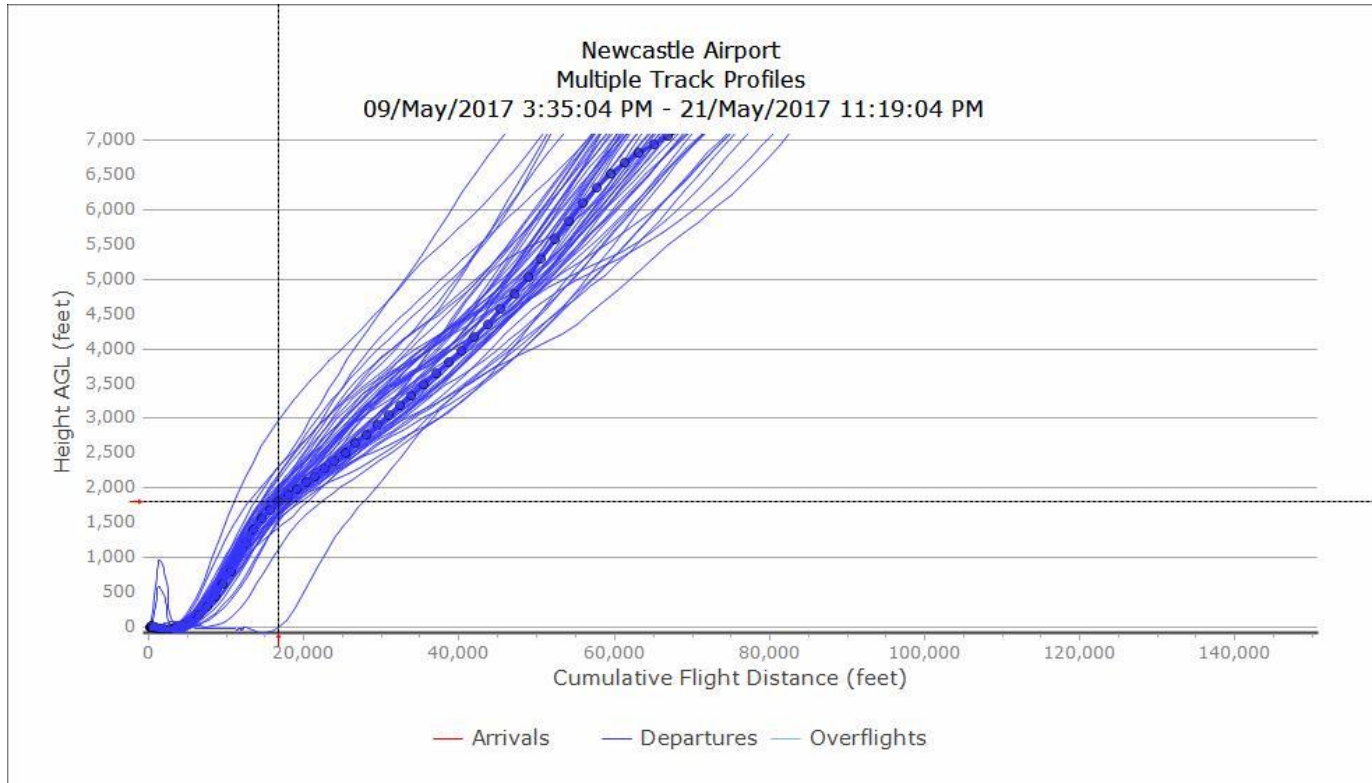


5/2/18 – 18/2/18, GIRLI 1T DH8D (1 TRACKS)

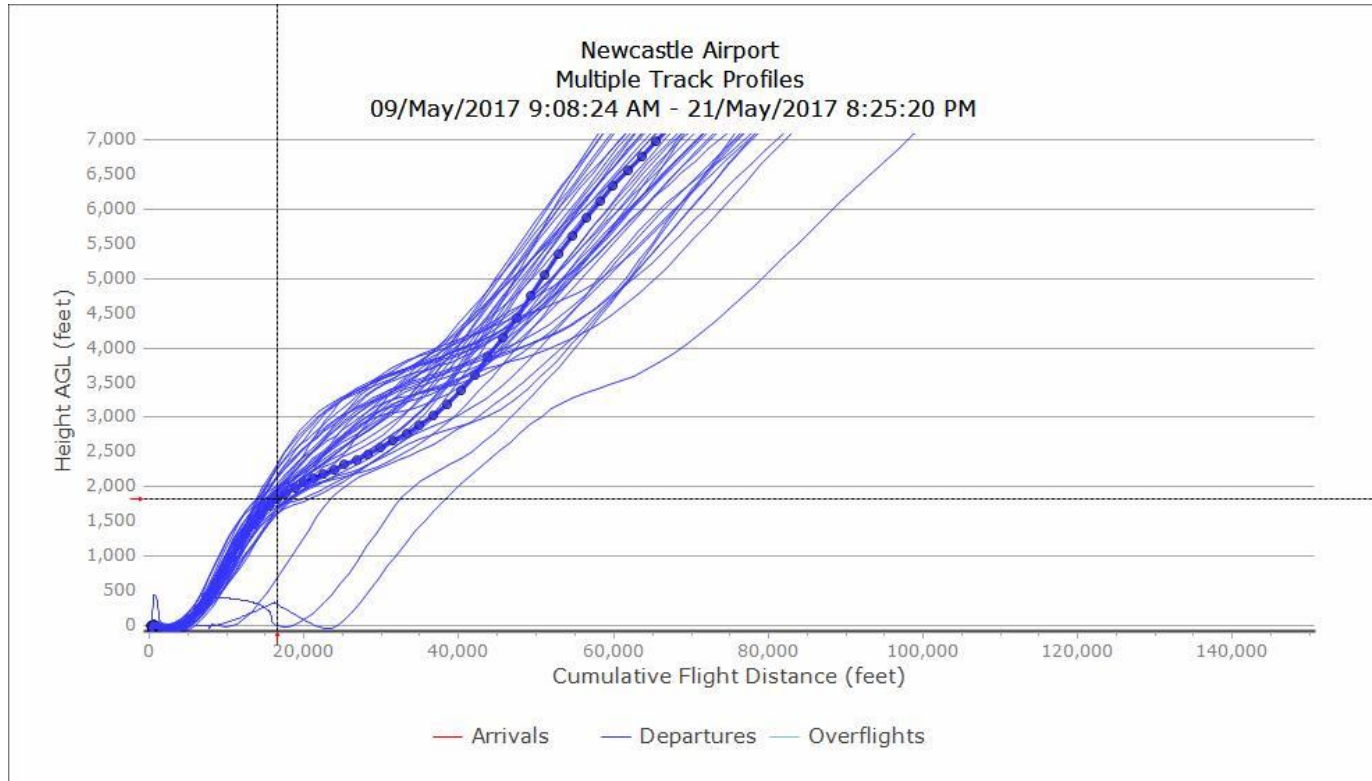


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- **Q2 2017 – Vertical Track Plots**
 - **GIRLI 3X**
 - **Waypoint NTW02**

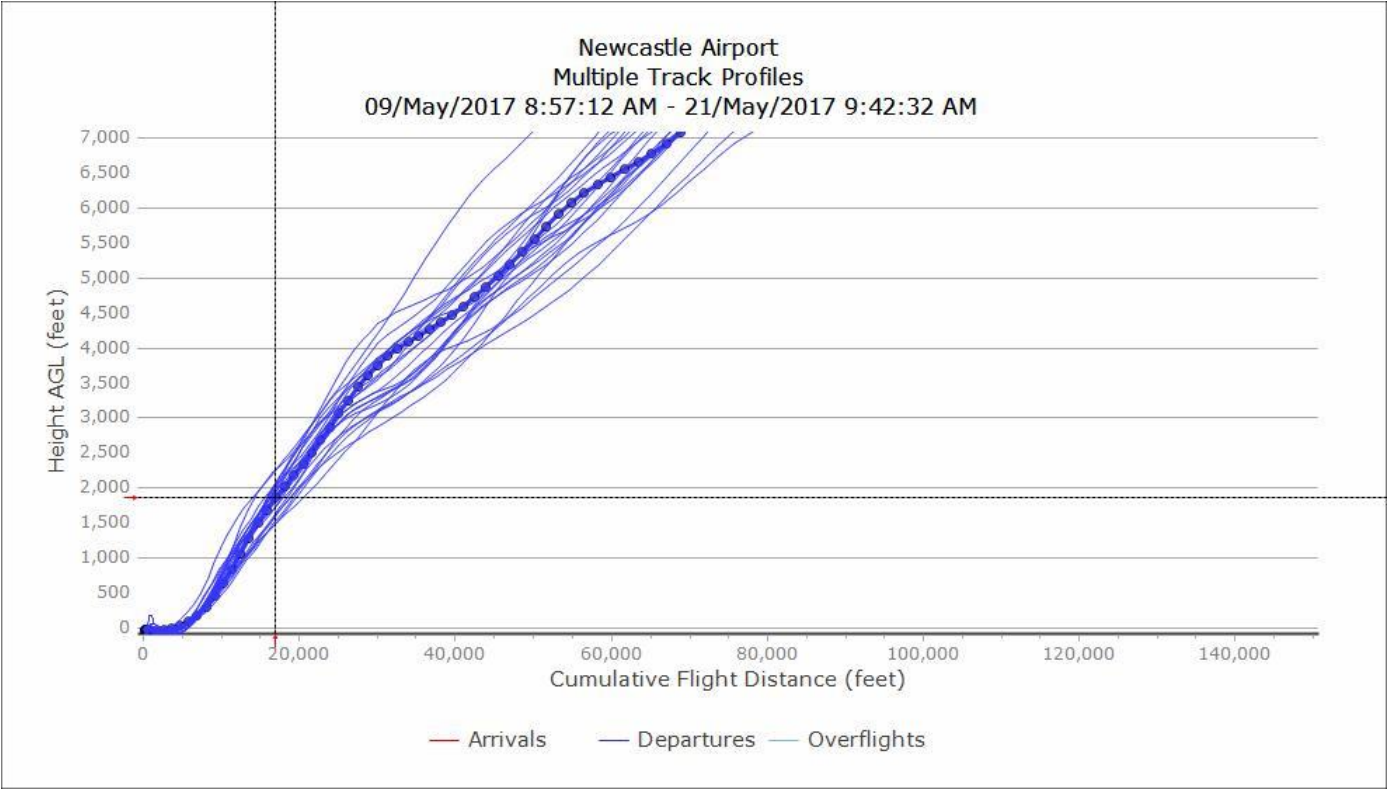
8/5/17 – 21/5/17, GIRLI 3X A319 (60 TRACKS)



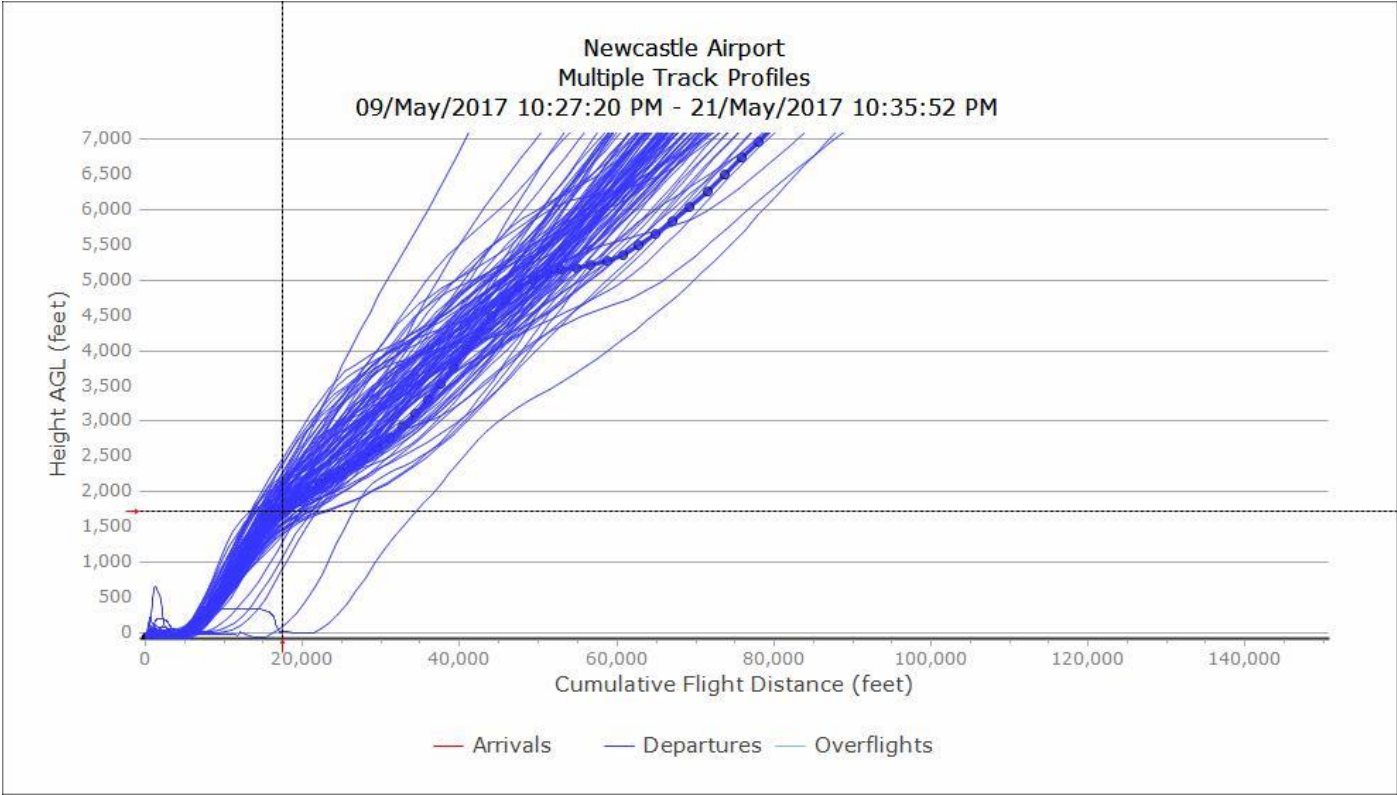
8/5/17 – 21/5/17, GIRLI 3X A320 (42 TRACKS)



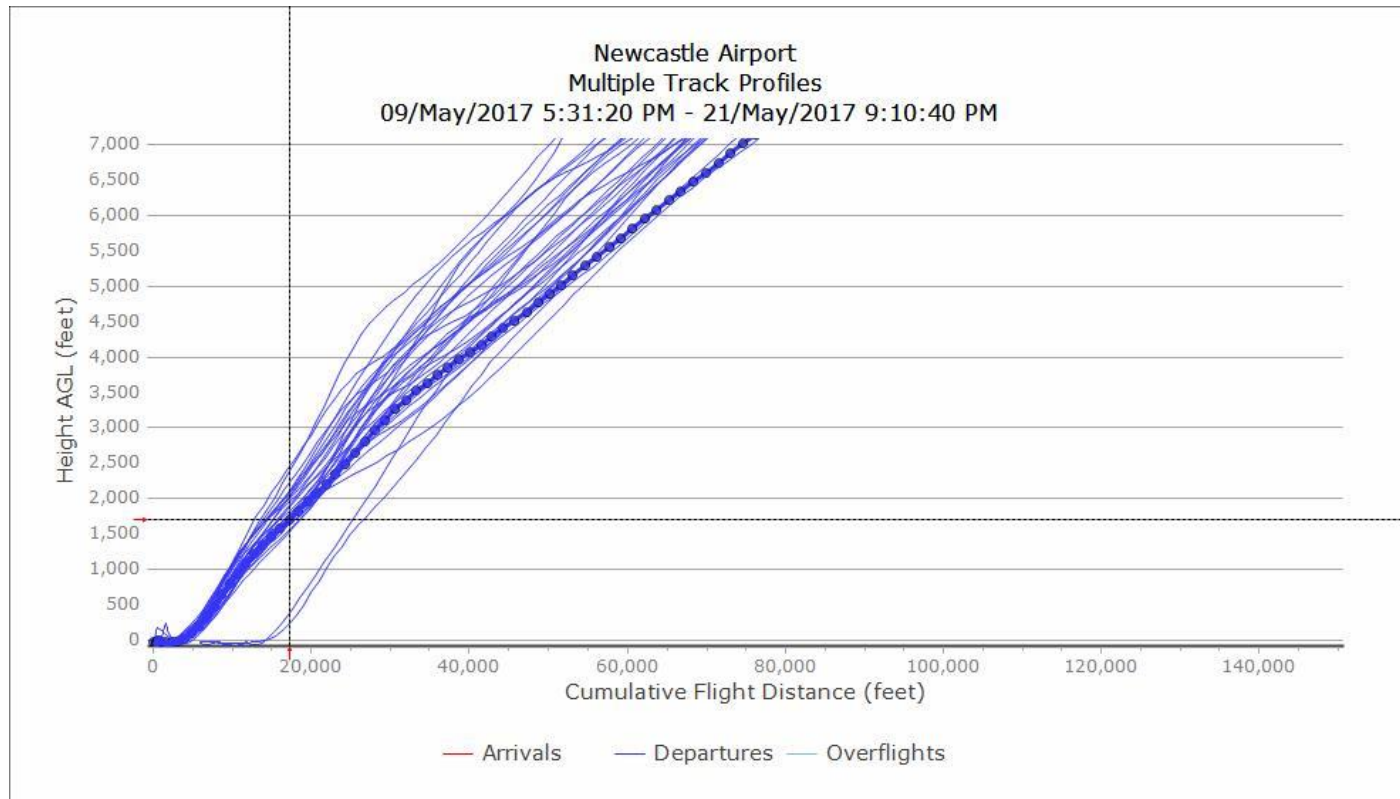
8/5/17 – 21/5/17, GIRLI 3X B733 (23 TRACKS)



8/5/17 – 21/5/17, GIRLI 3X B738 (111 TRACKS)

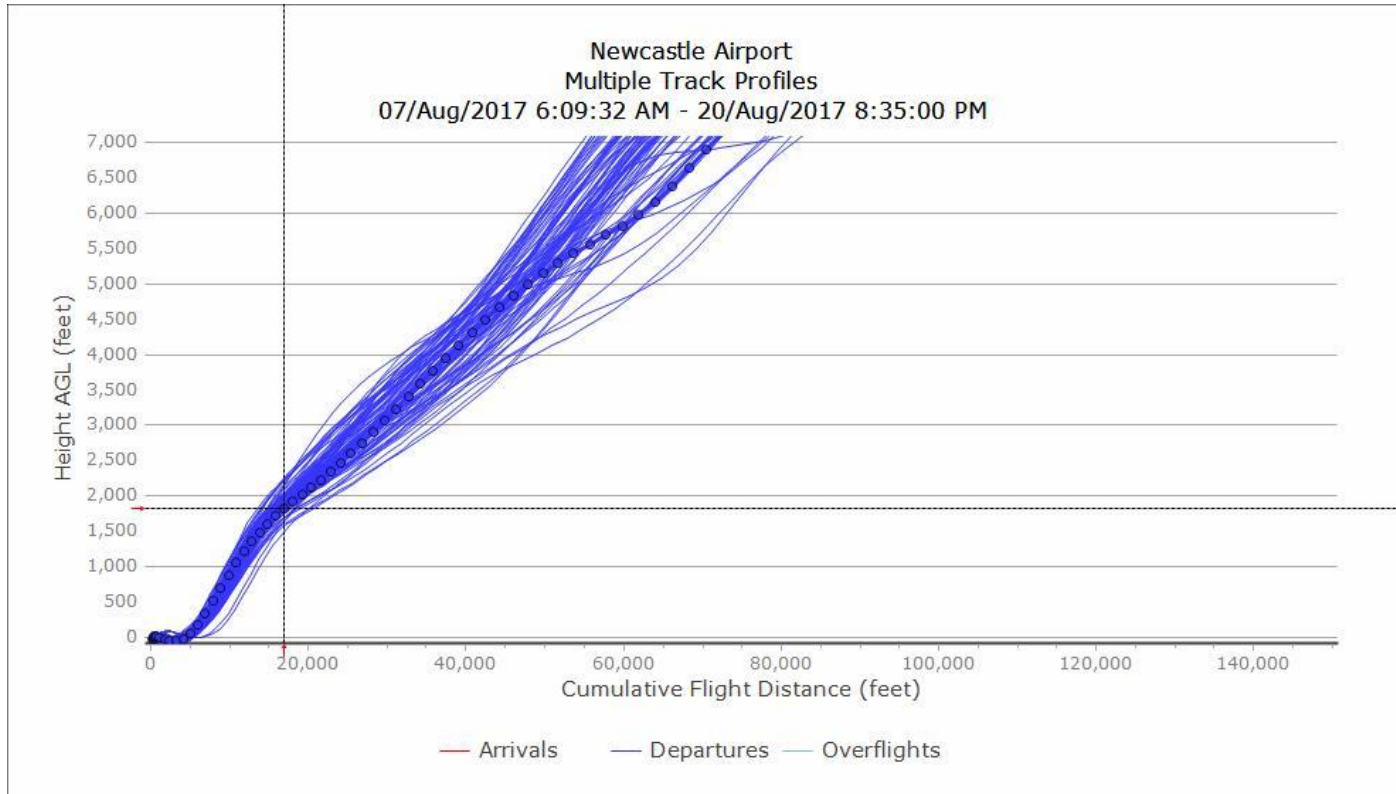


8/5/17 – 21/5/17, GIRLI 3X DH8D (31 TRACKS)

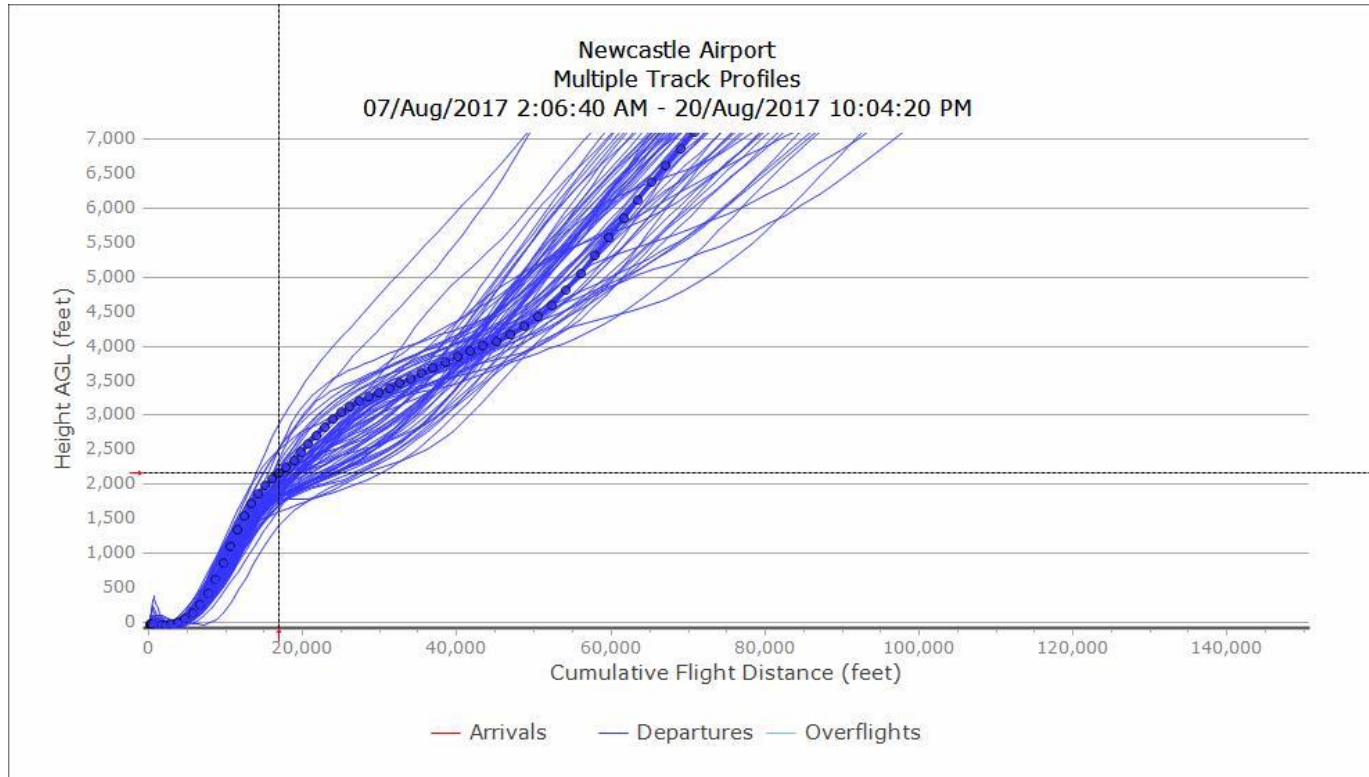


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- **Q3 2017 – Vertical Track Plots**
 - **GIRLI 3X**
 - **Waypoint NTW02**

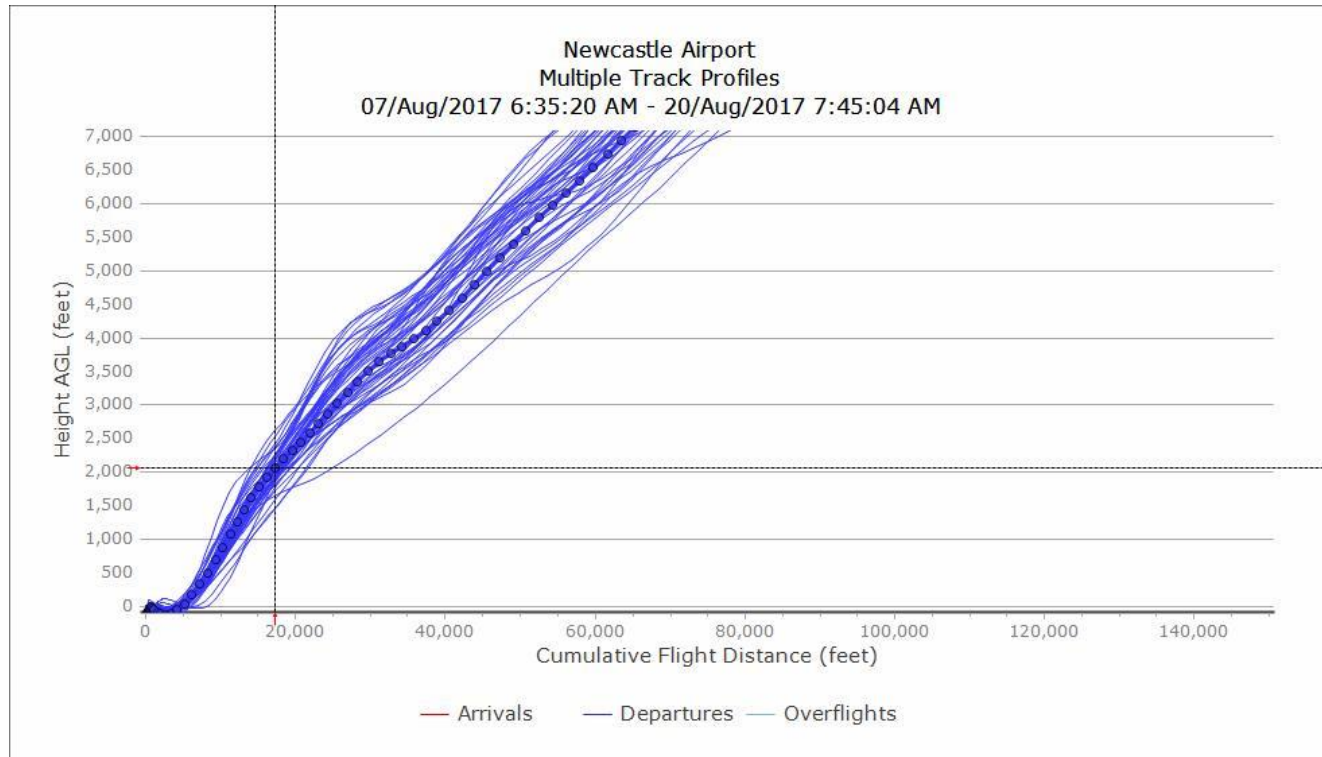
7/8/17 – 28/8/17, GIRLI 3X A319 (85 TRACKS)



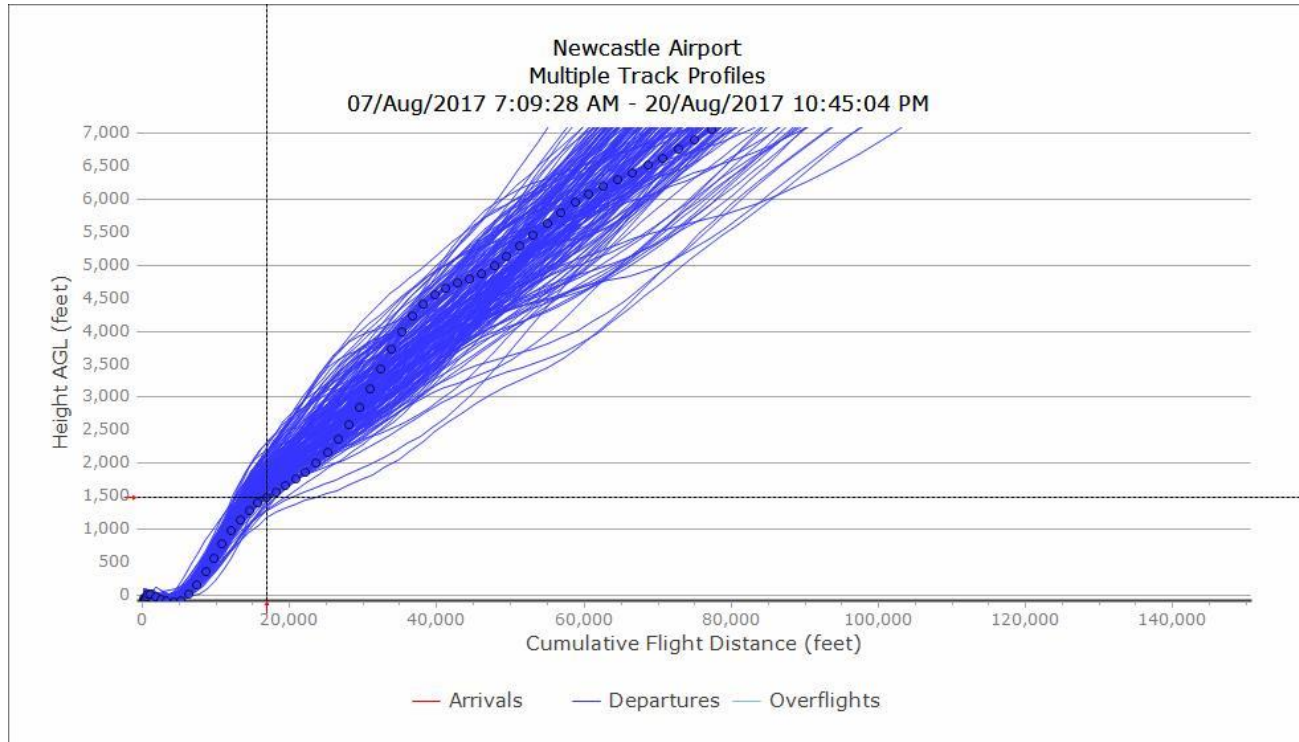
7/8/17 – 28/8/17, GIRLI 3X A320 (70 TRACKS)



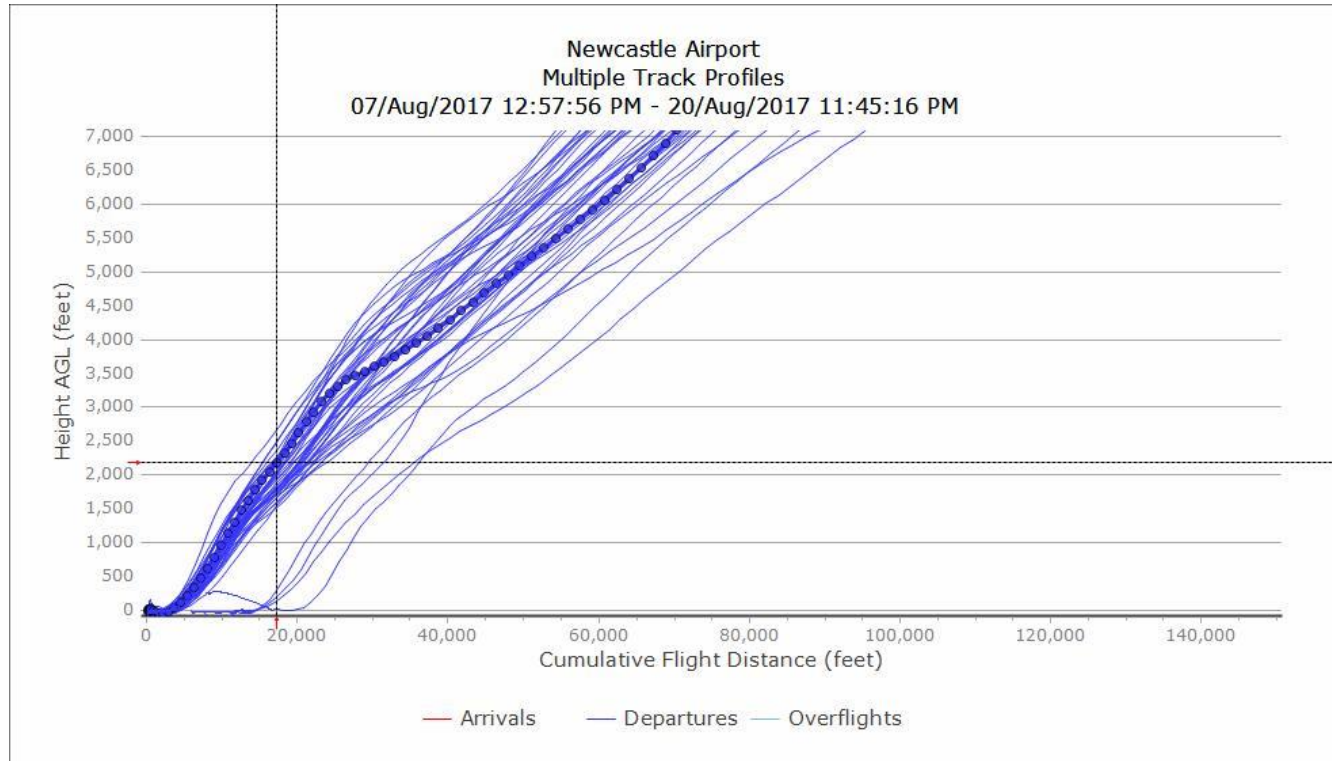
7/8/17 – 28/8/17, GIRLI 3X B733 (50 TRACKS)



7/8/17 – 28/8/17, GIRLI 3X B738 (192 TRACKS)

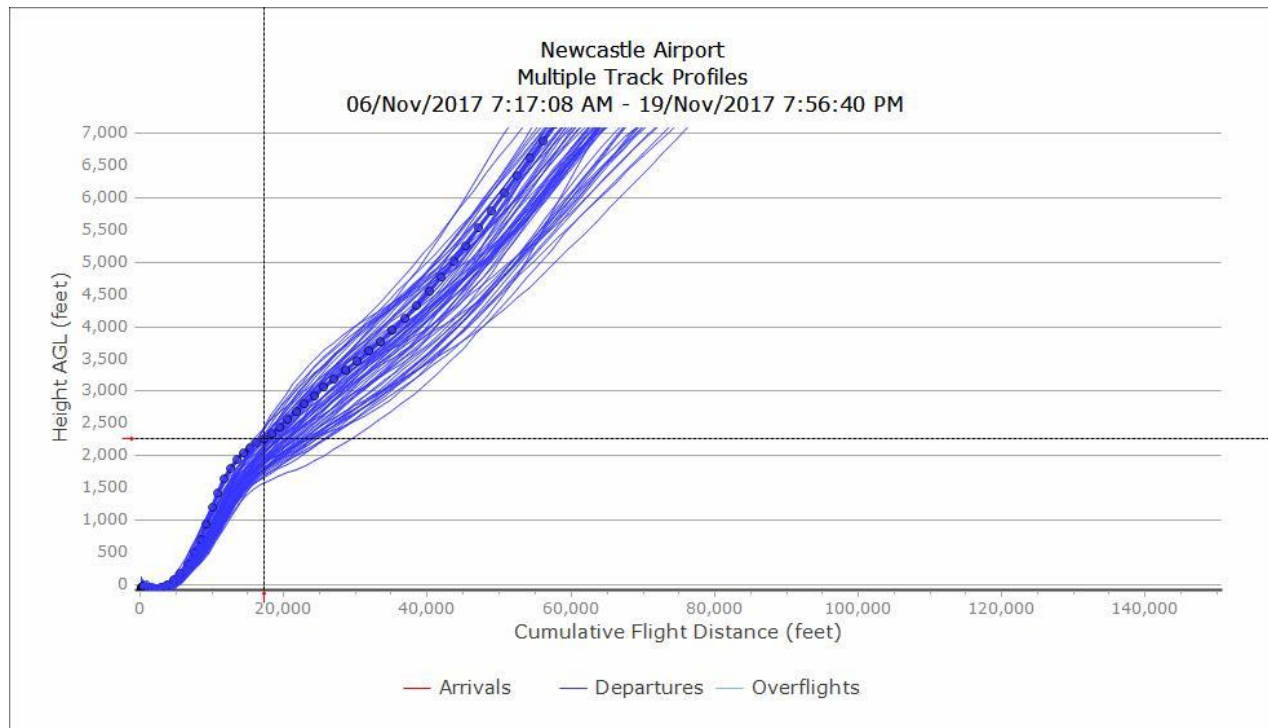


7/8/17 – 28/8/17, GIRLI 3X DH8D (46 TRACKS)

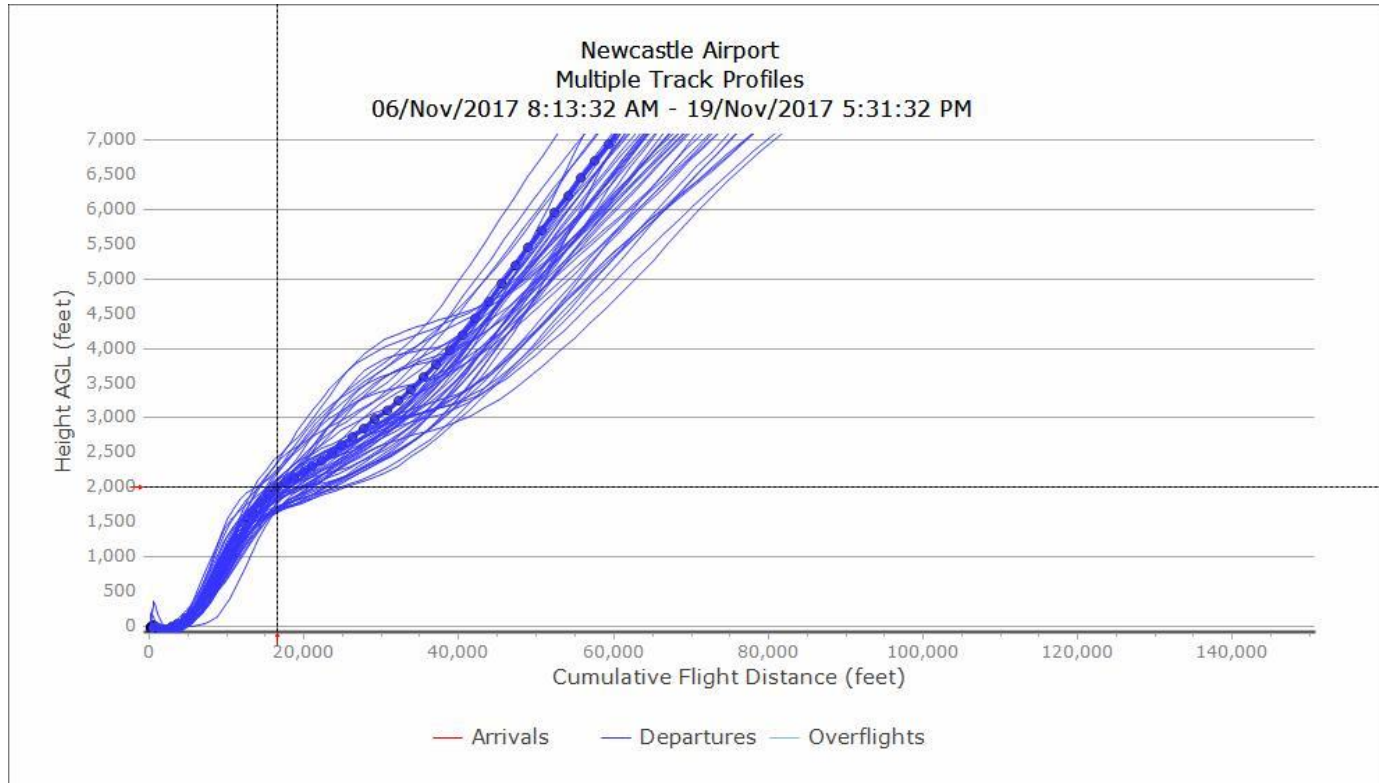


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- Q4 2017 – Vertical Track Plots
 - GIRLI 3X
 - Waypoint NTW02

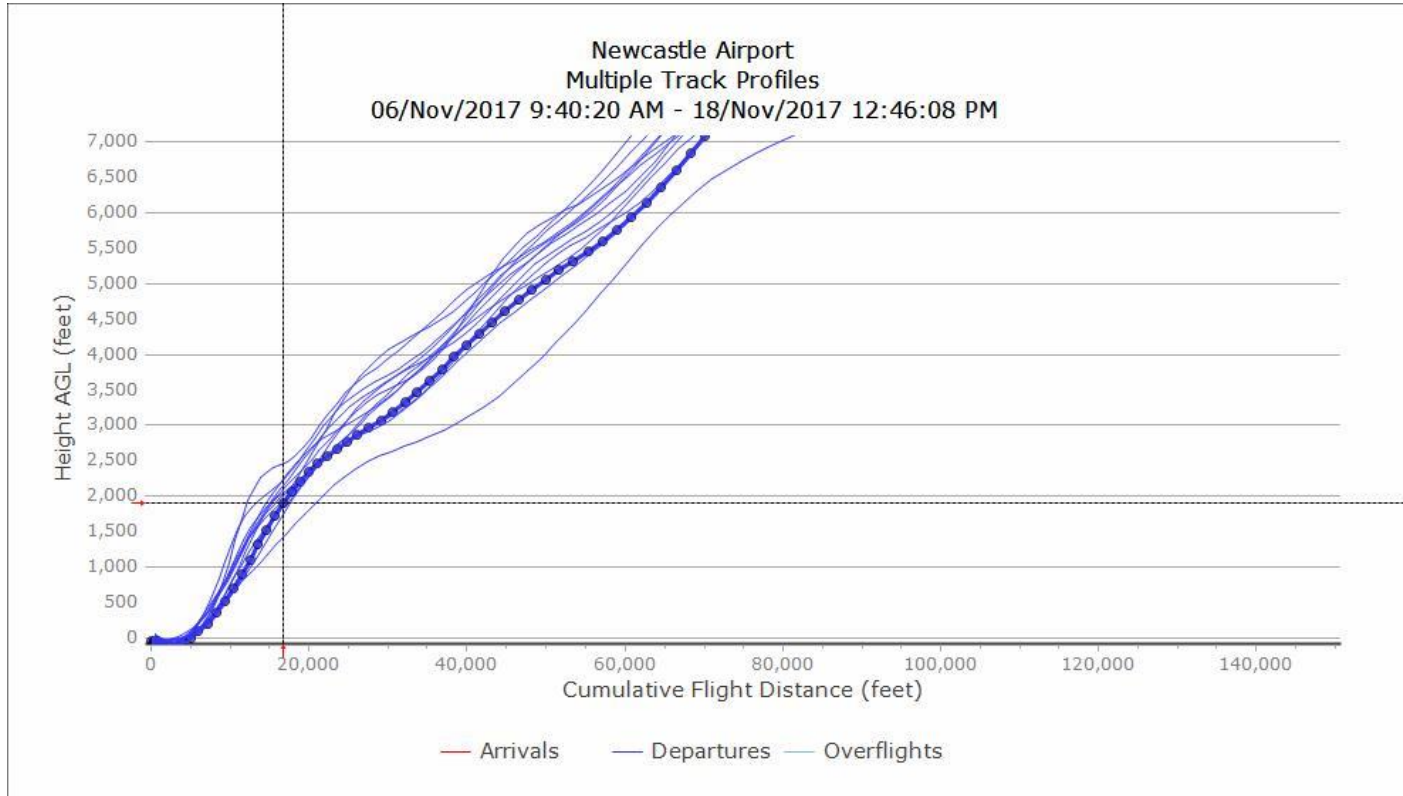
6/11/17 – 19/11/17, GIRLI 3X A319 (69 TRACKS)



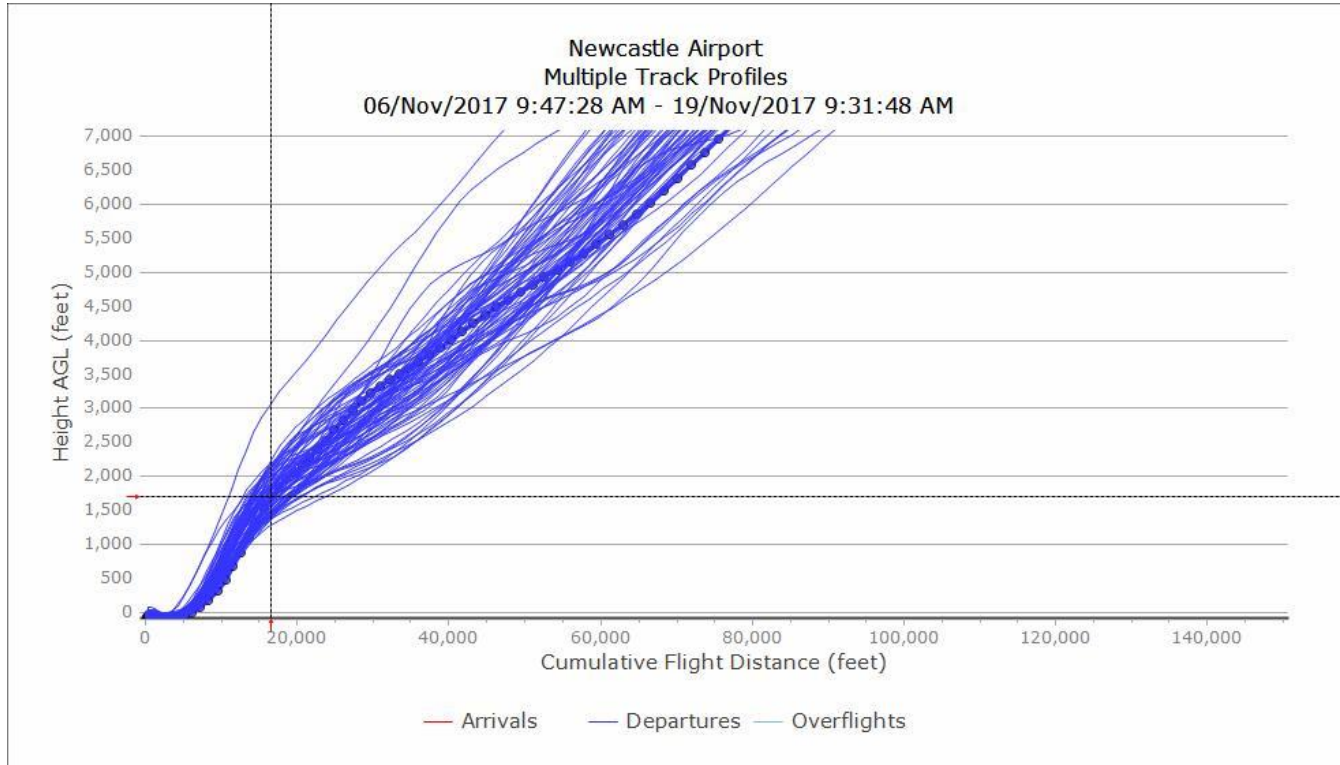
6/11/17 – 19/11/17, GIRLI 3X A320 (52 TRACKS)



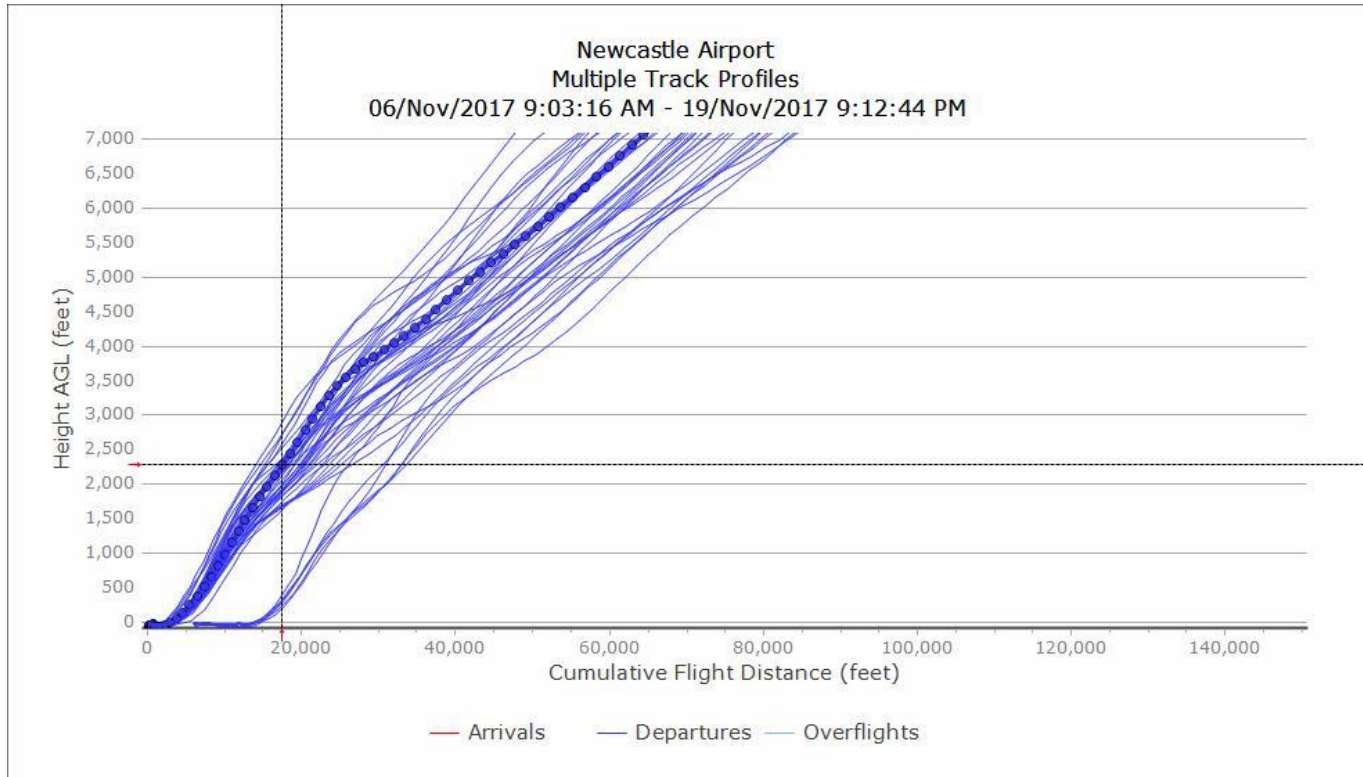
6/11/17 – 19/11/17, GIRLI 3X B733 (13 TRACKS)



6/11/17 – 19/11/17, GIRLI 3X B738 (82 TRACKS)

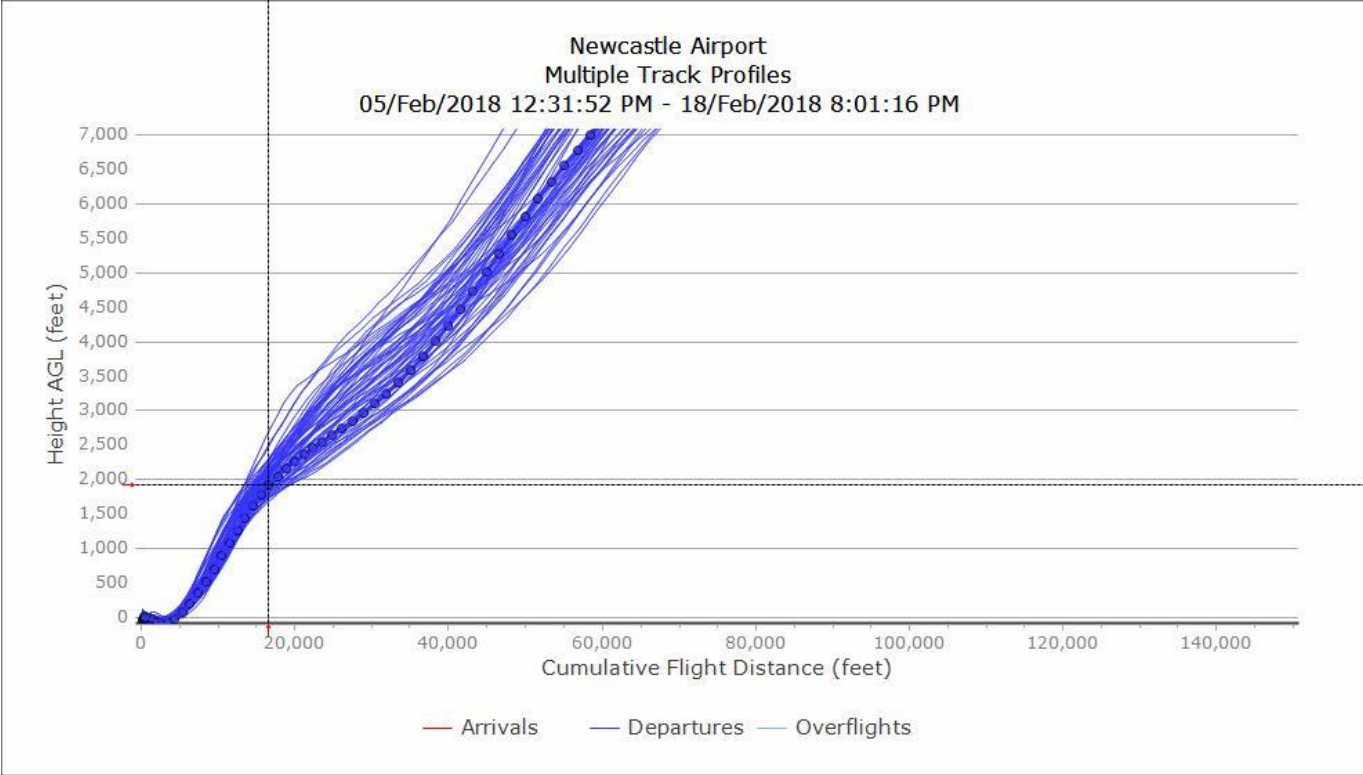


6/11/17 – 19/11/17, GIRLI 3X DH8D (43 TRACKS)

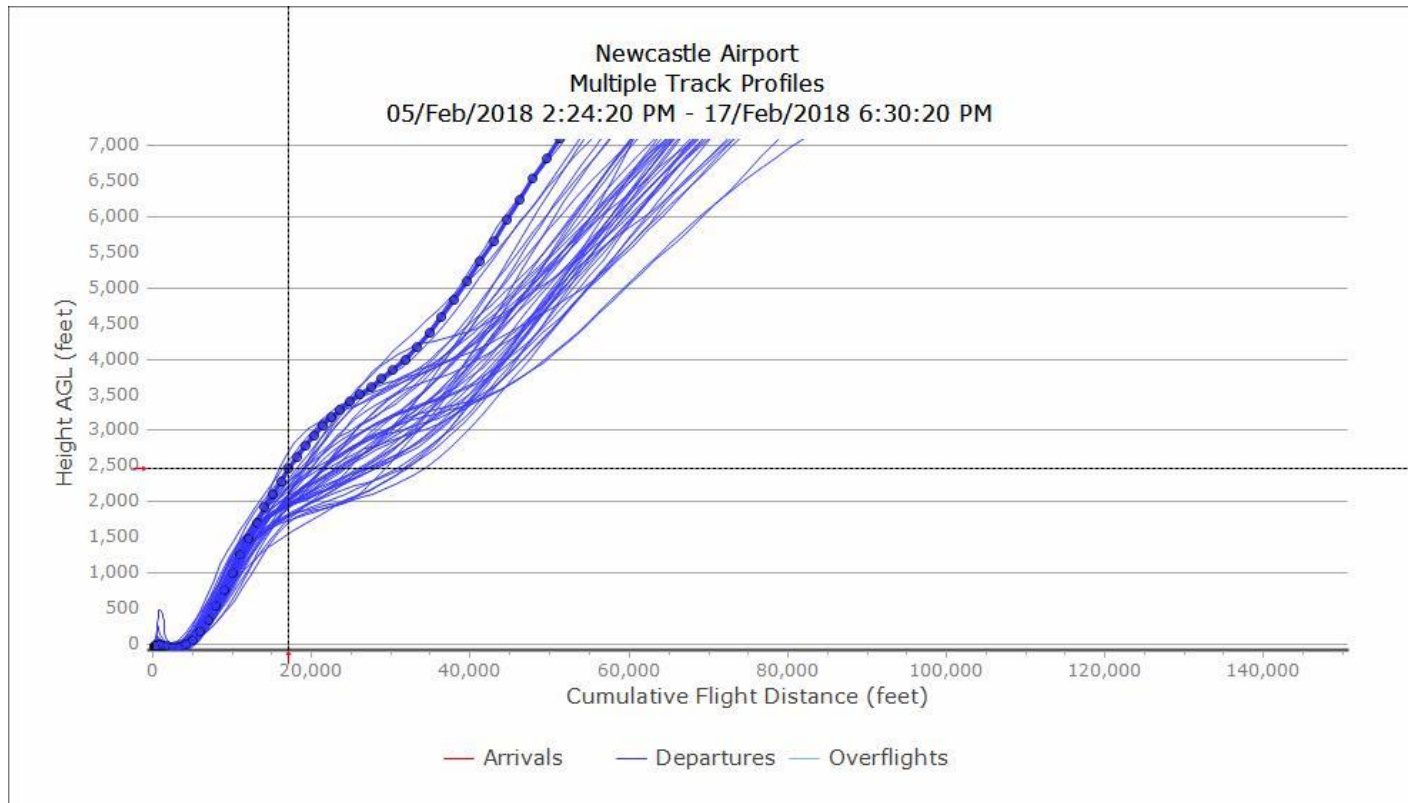


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- **Q1 2018 – Vertical Track Plots**
 - **GIRLI 3X**
 - **Waypoint NTW02**

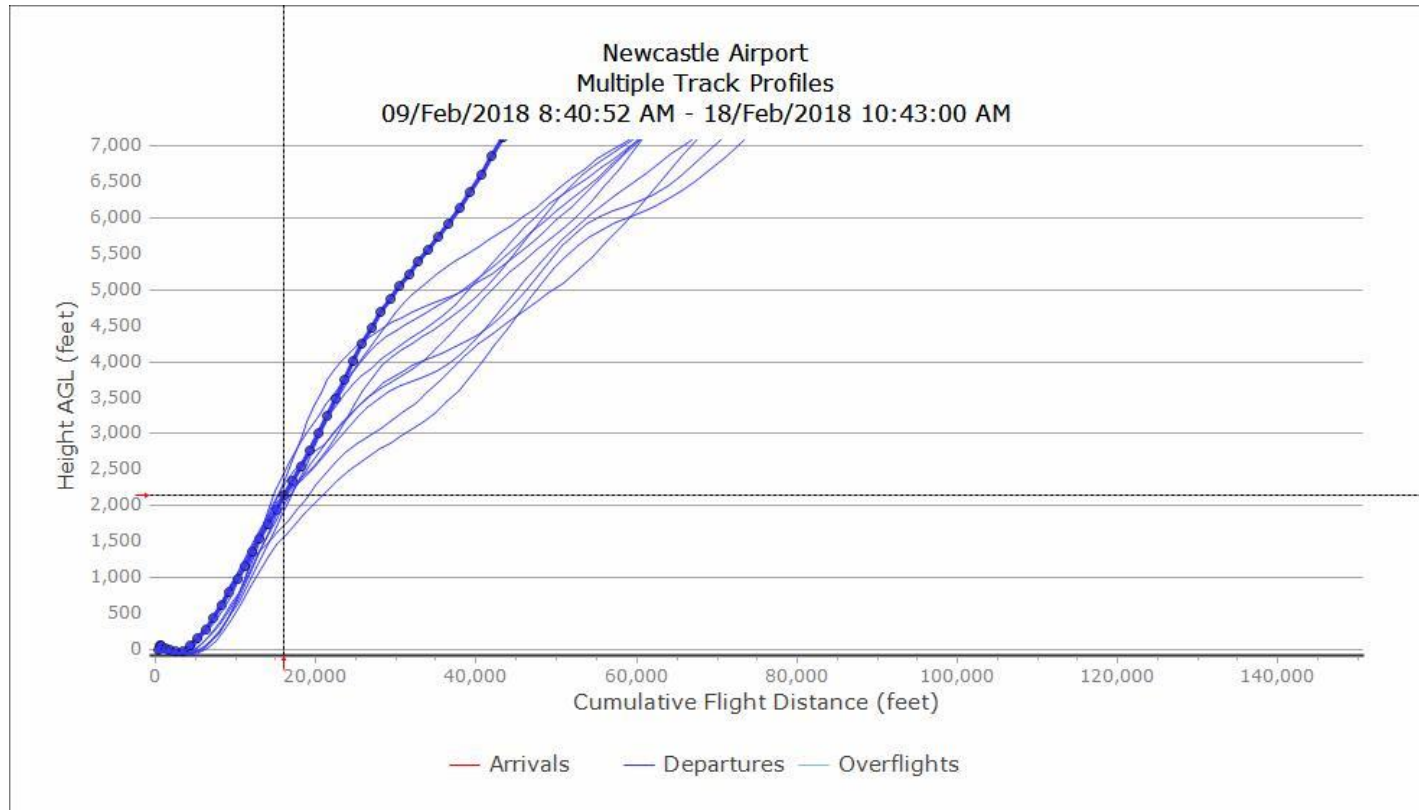
5/2/18 – 18/2/18, GIRLI 3X A319 (62 TRACKS)



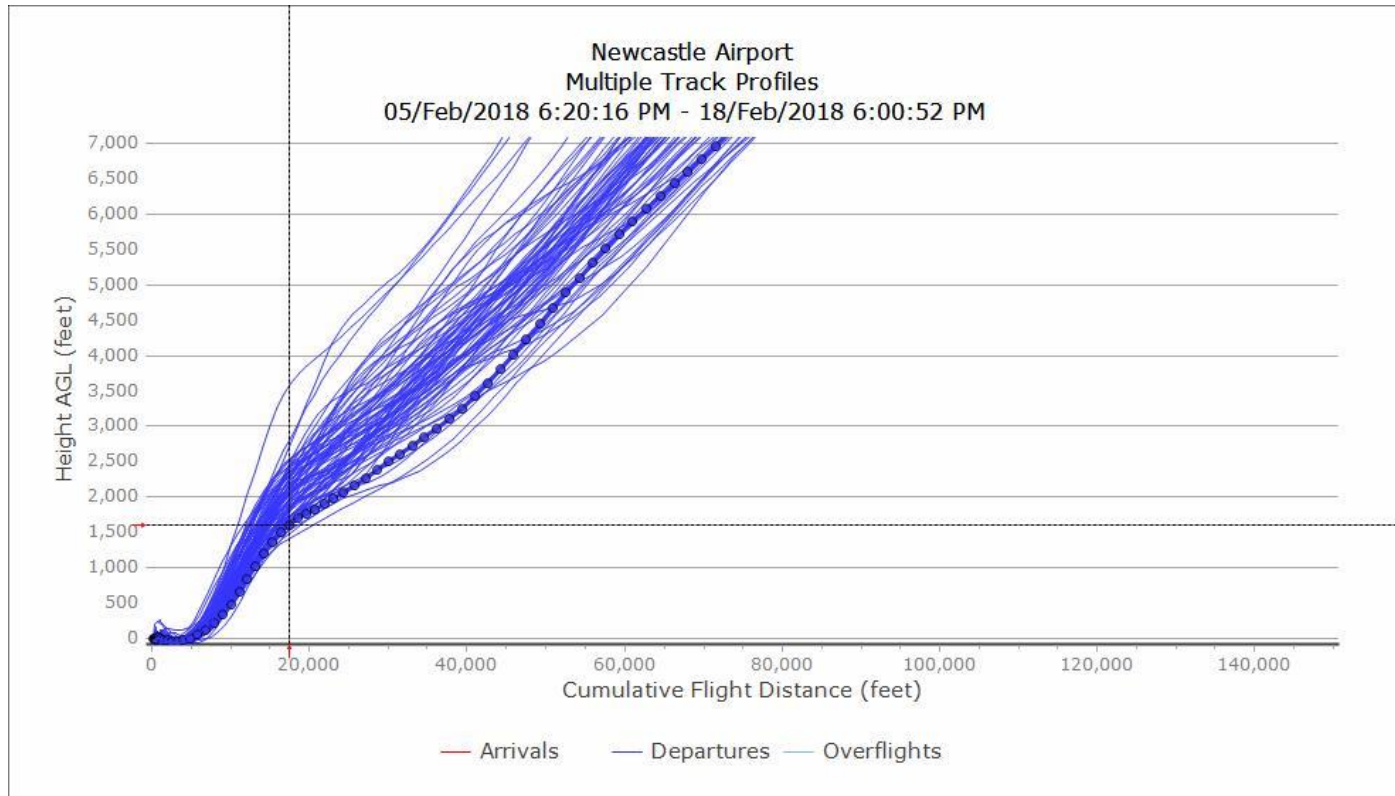
5/2/18 – 18/2/18, GIRLI 3X A320 (46 TRACKS)



5/2/18 – 18/2/18, GIRLI 3X B733 (11 TRACKS)



5/2/18 – 18/2/18, GIRLI 3X B738 (80 TRACKS)



5/2/18 – 18/2/18, GIRLI 3X DH8D (45 TRACKS)

