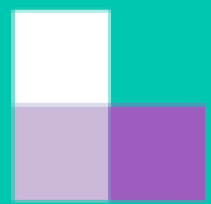
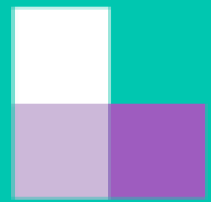


LUTON R26 BPK RNAV1 SIDs PIR Requirements - February

February 2017

Version 1.0



London
Luton
Airport



3. Gate analysis at the railway line and at Sandridge

Railway line and Sandridge 3km Gates location



Project

Date
28 March 2018

Version
01

Page
3

↔ Railway Line Gate
↔ Sandridge Gate



Gate Analysis at Railway (1,478 tracks – RNAV only)

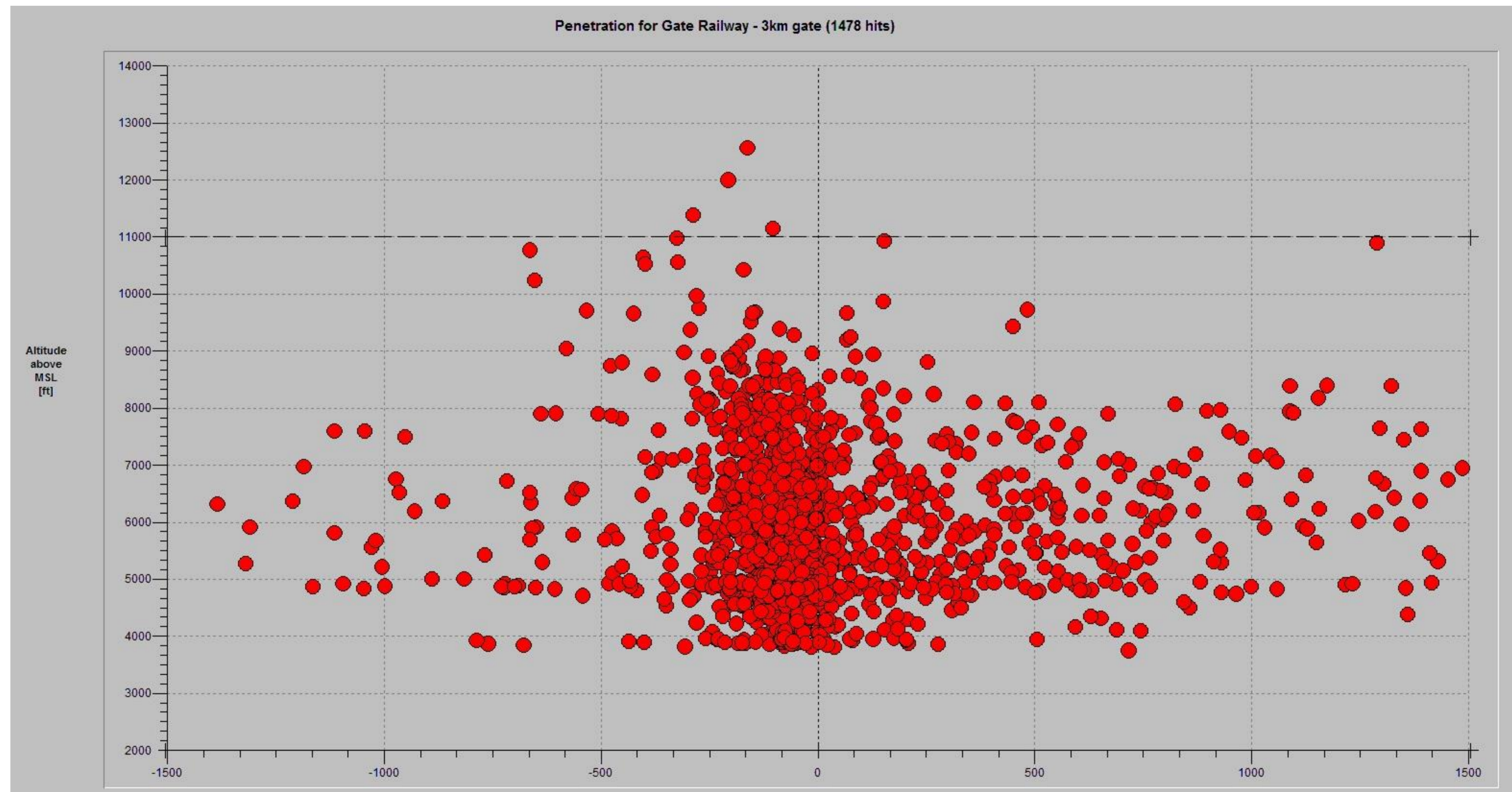
2nd – 28th Feb 2017

Project

Date
28 March 2018

Version
01

Page
4



Gate Analysis at Sandridge (1,432 tracks – RNAV only)

2nd – 28th Feb 2017

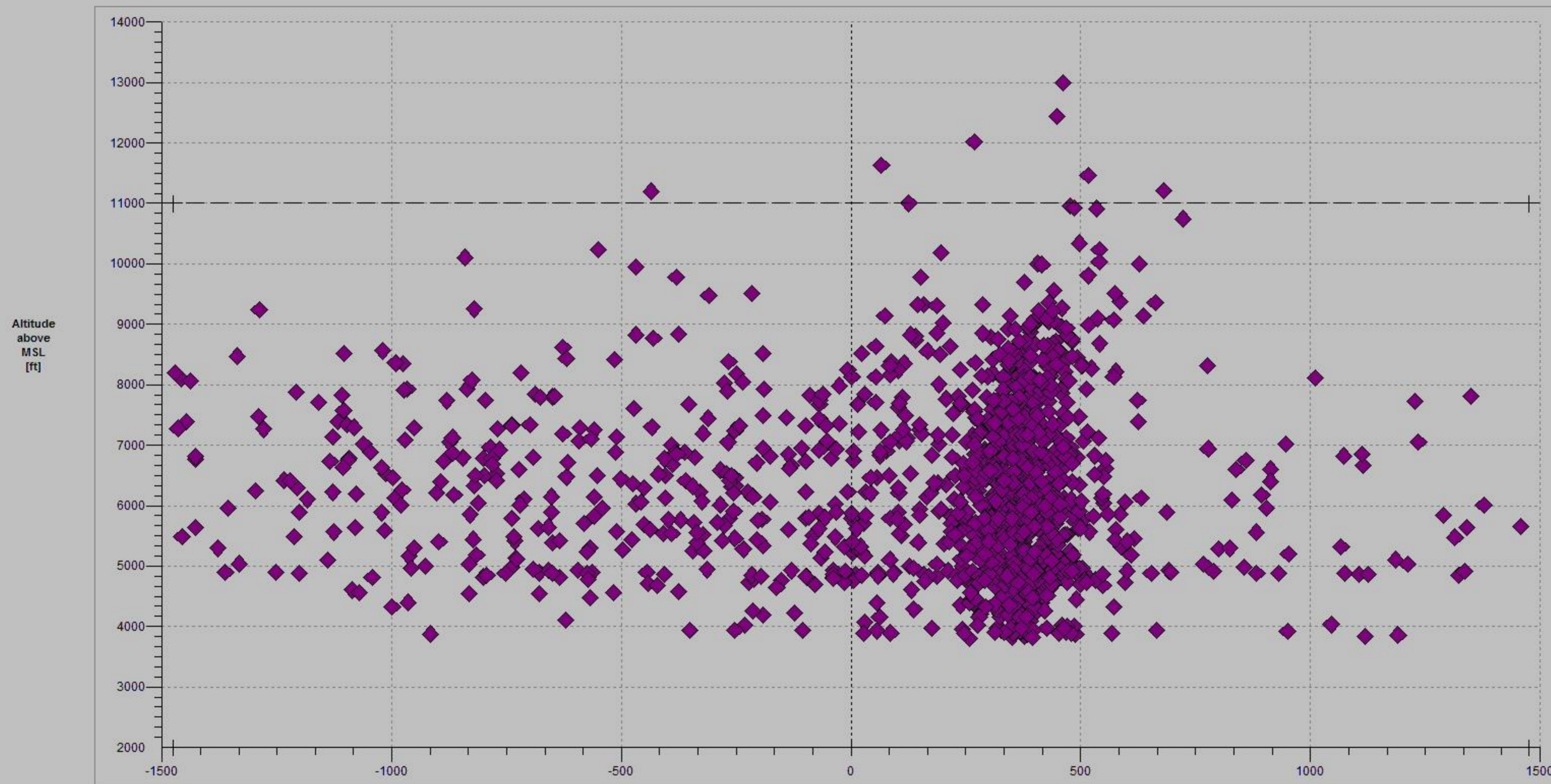
Project

Date
28 March 2018

Version
01

Page
5

Penetration for Gate Sandridge - 3km gate (1432 hits)



Gate Analysis comparison (RNAV only)

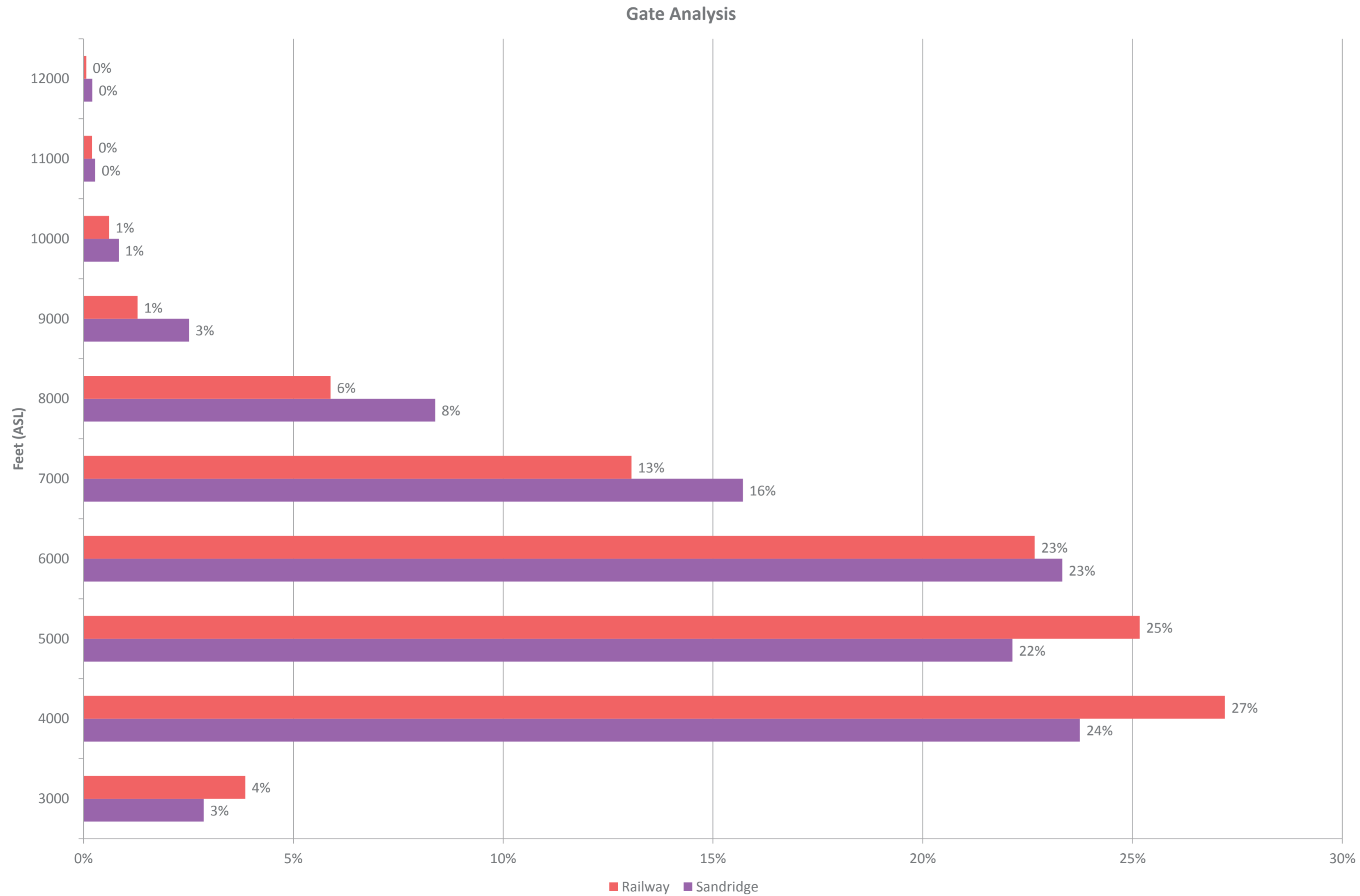
2nd – 28th Feb 2017

Project

Date
28 March 2018

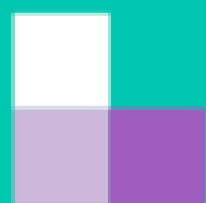
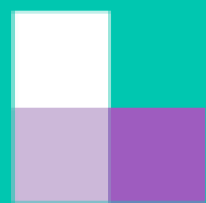
Version
01

Page
6



LUTON R26 BPK RNAV1 SIDs PIR Requirements – March

March 2017
Version 1.0



London
Luton
Airport



3. Gate analysis at the railway line and at Sandridge

Railway line and Sandridge 3km Gates location



Project

Date
28 March 2018

Version
01

Page
3

↔ Railway Line Gate
↔ Sandridge Gate



Gate Analysis at Railway (1,863 tracks – RNAV only)

1st – 31st Mar 2017

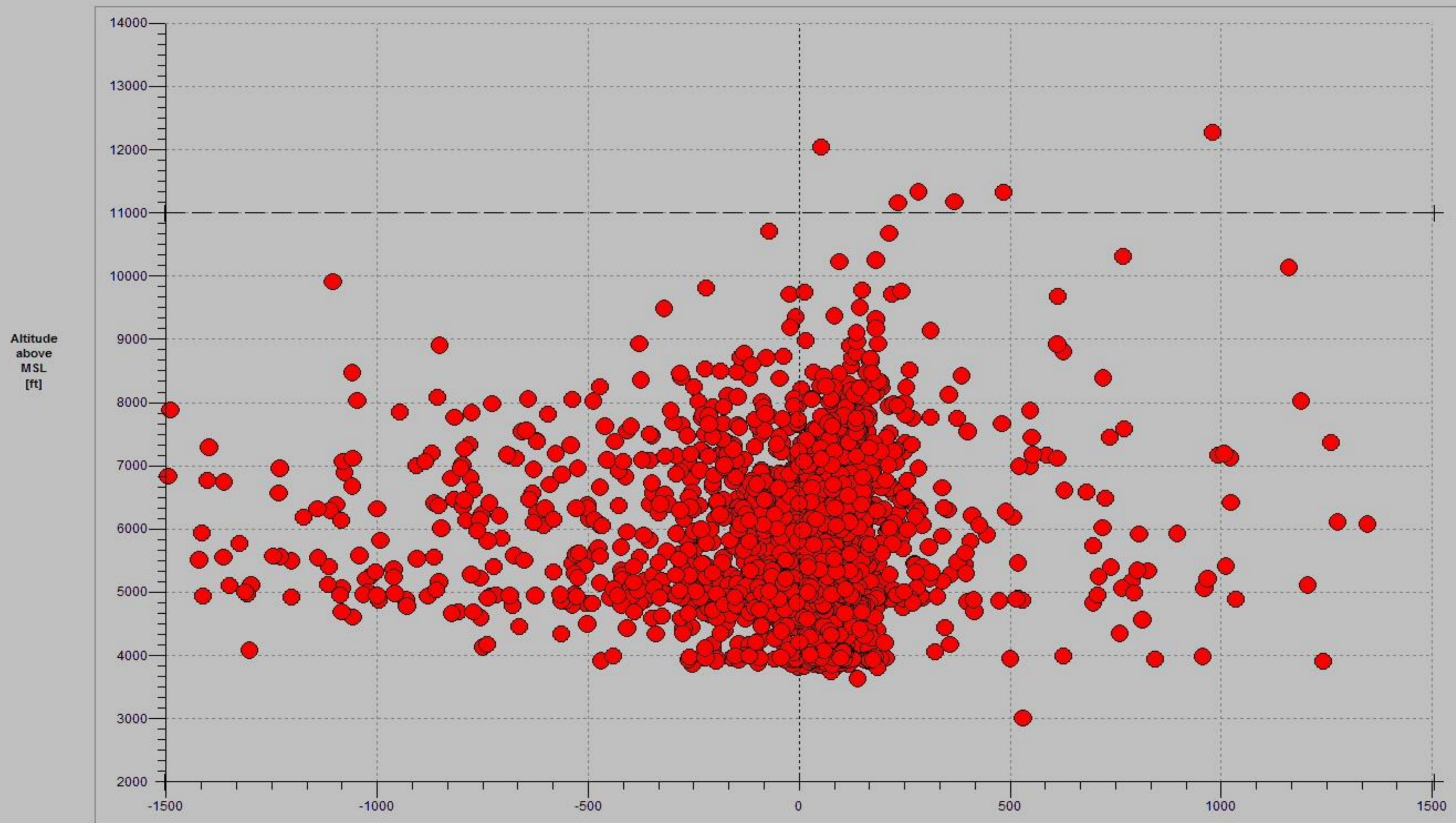
Project

Date
28 March 2018

Version
01

Page
4

Penetration for Gate Railway - 3km gate (1863 hits)



Gate Analysis at Sandridge (1,823 tracks – RNAV only)

1st – 31st Mar 2017

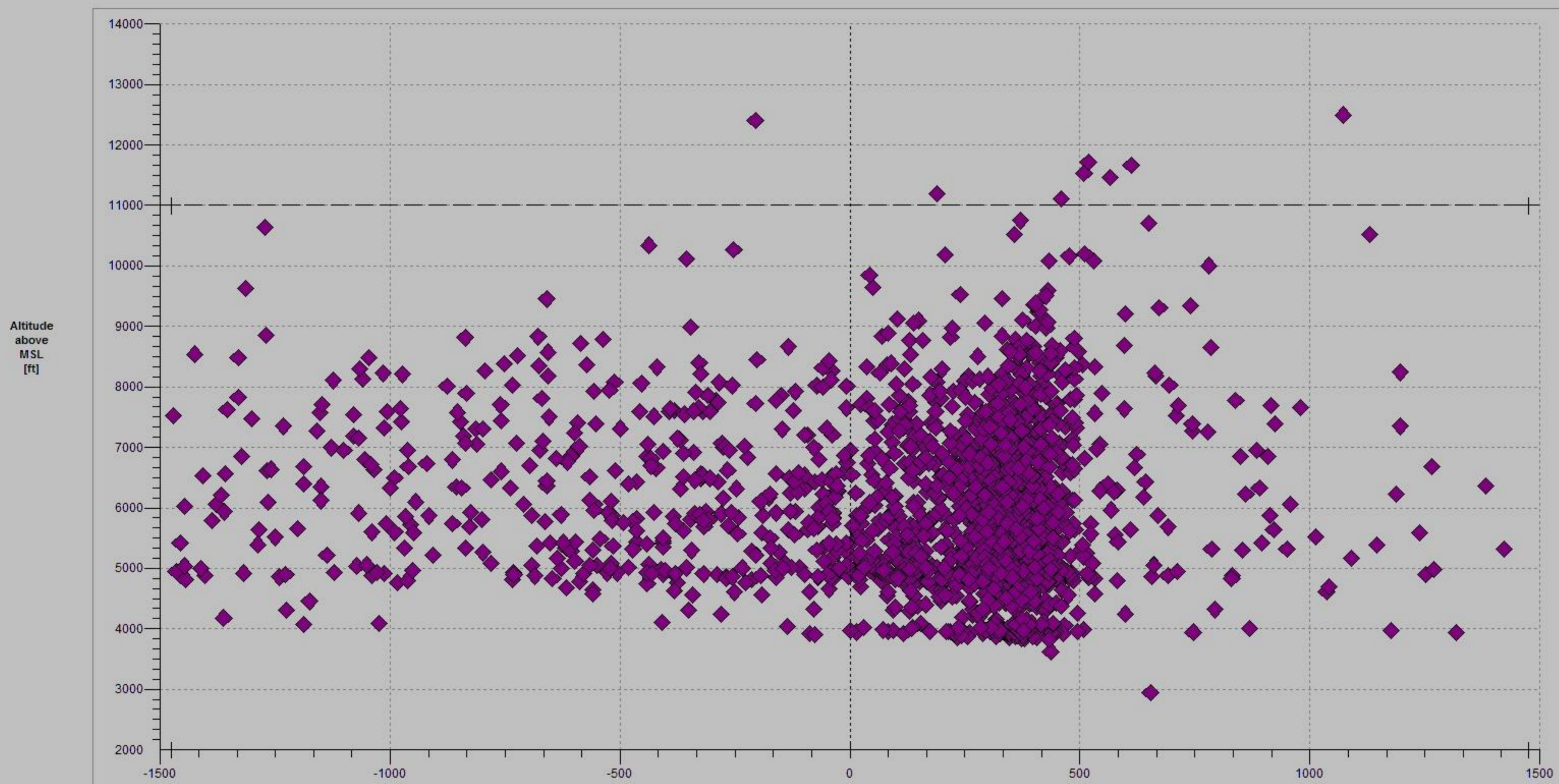
Project

Date
28 March 2018

Version
01

Page
5

Penetration for Gate Sandridge - 3km gate (1823 hits)



Gate Analysis comparison (RNAV only)

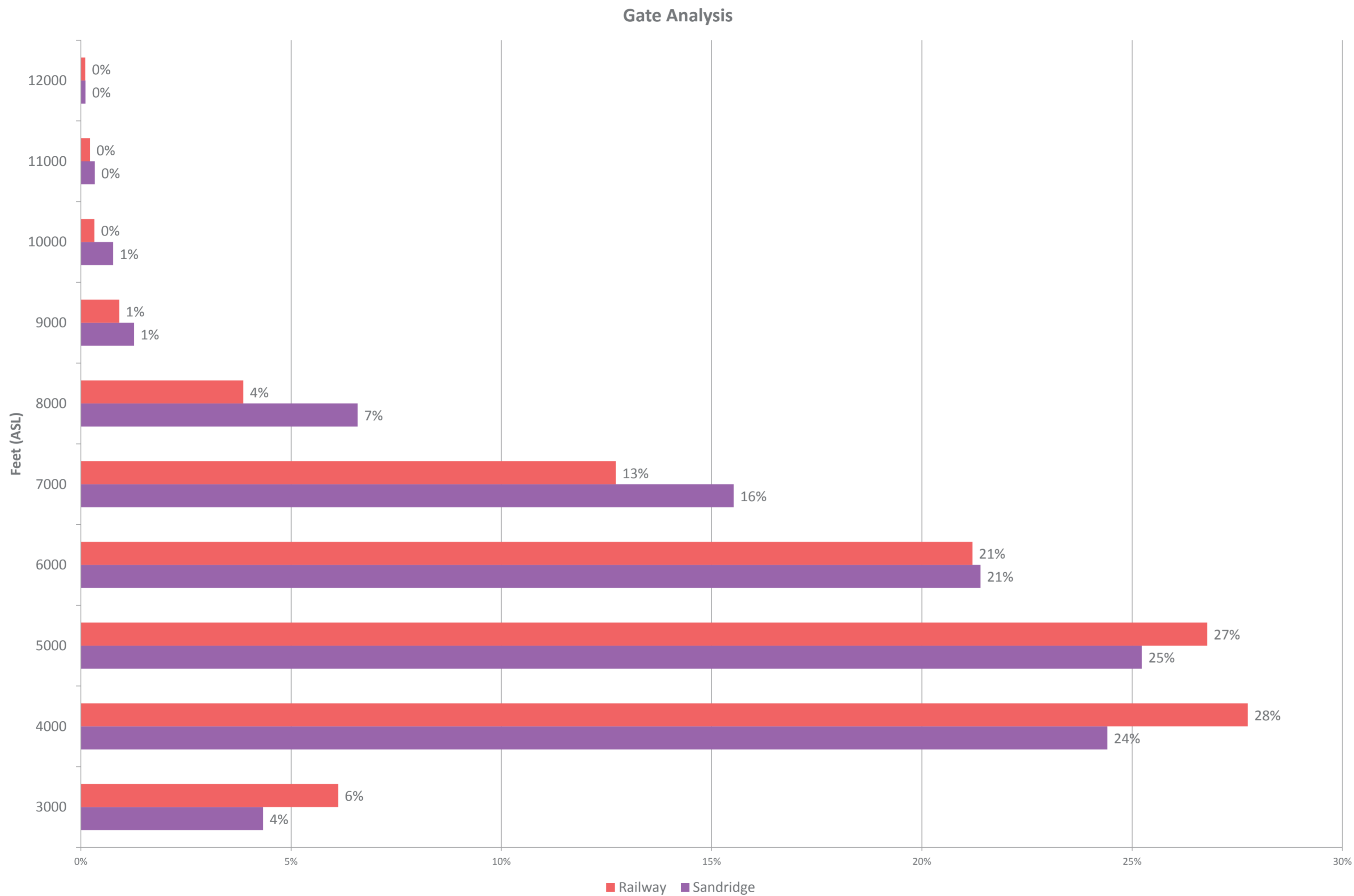
1st – 31st Mar 2017

Project

Date
28 March 2018

Version
01

Page
6

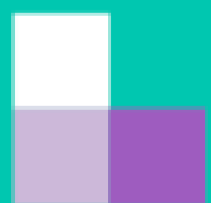
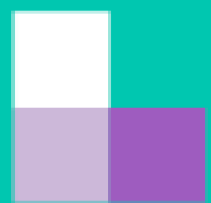


LUTON R26 BPK RNAV1 SIDs

PIR Requirements – April

March 2017

Version 1.0



London
Luton
Airport



3. Gate analysis at the railway line and at Sandridge

Railway line and Sandridge 3km Gates location



↔ Railway Line Gate
↔ Sandridge Gate

Project
Date
28 March 2018
Version
01
Page
3



Gate Analysis at Railway (2,175 tracks – RNAV only)

1st – 30th Apr 2017

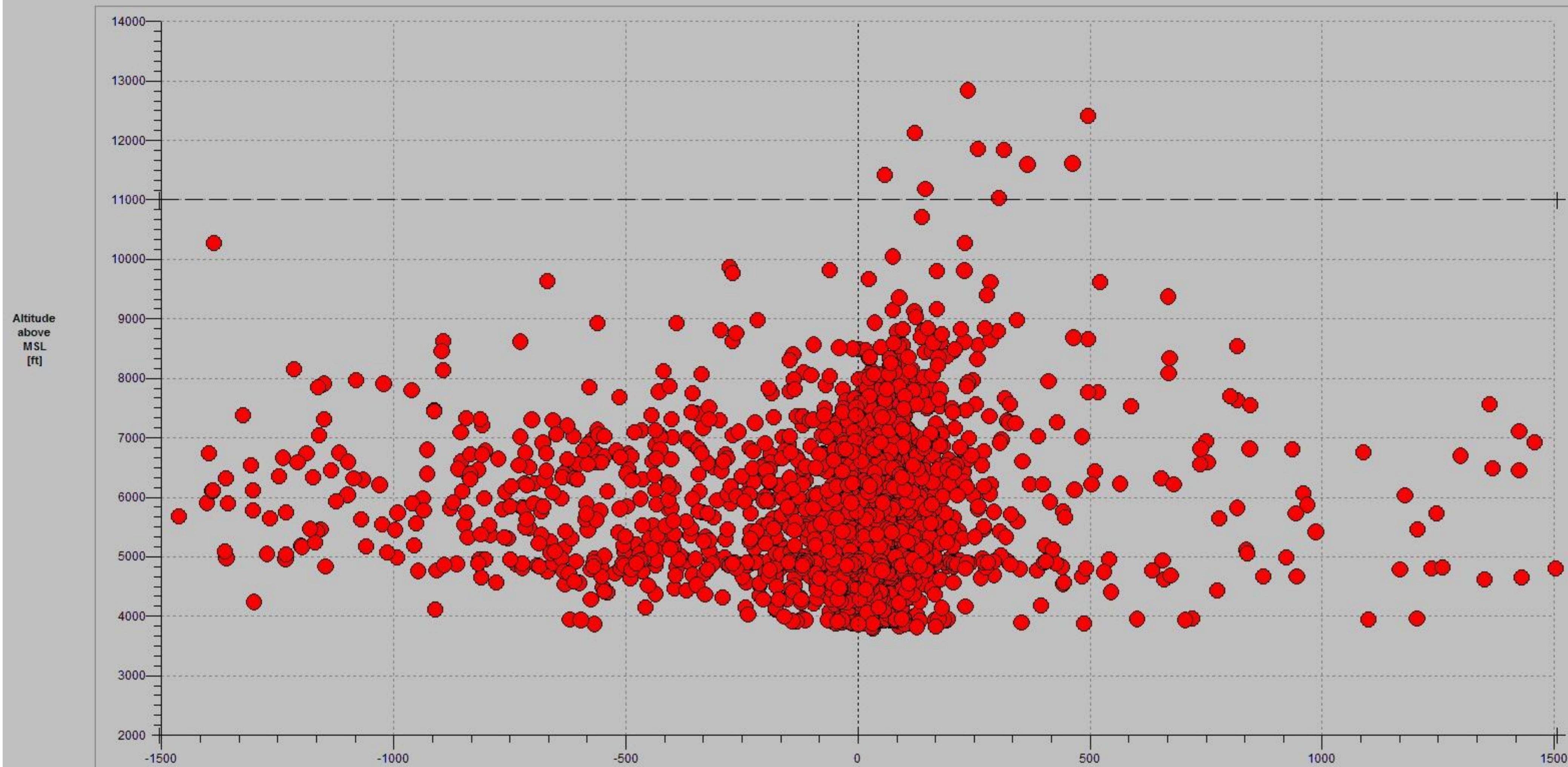
Project

Date
28 March 2018

Version
01

Page
4

Penetration for Gate Railway - 3km gate (2175 hits)



Gate Analysis at Sandridge (2,119 tracks – RNAV only)

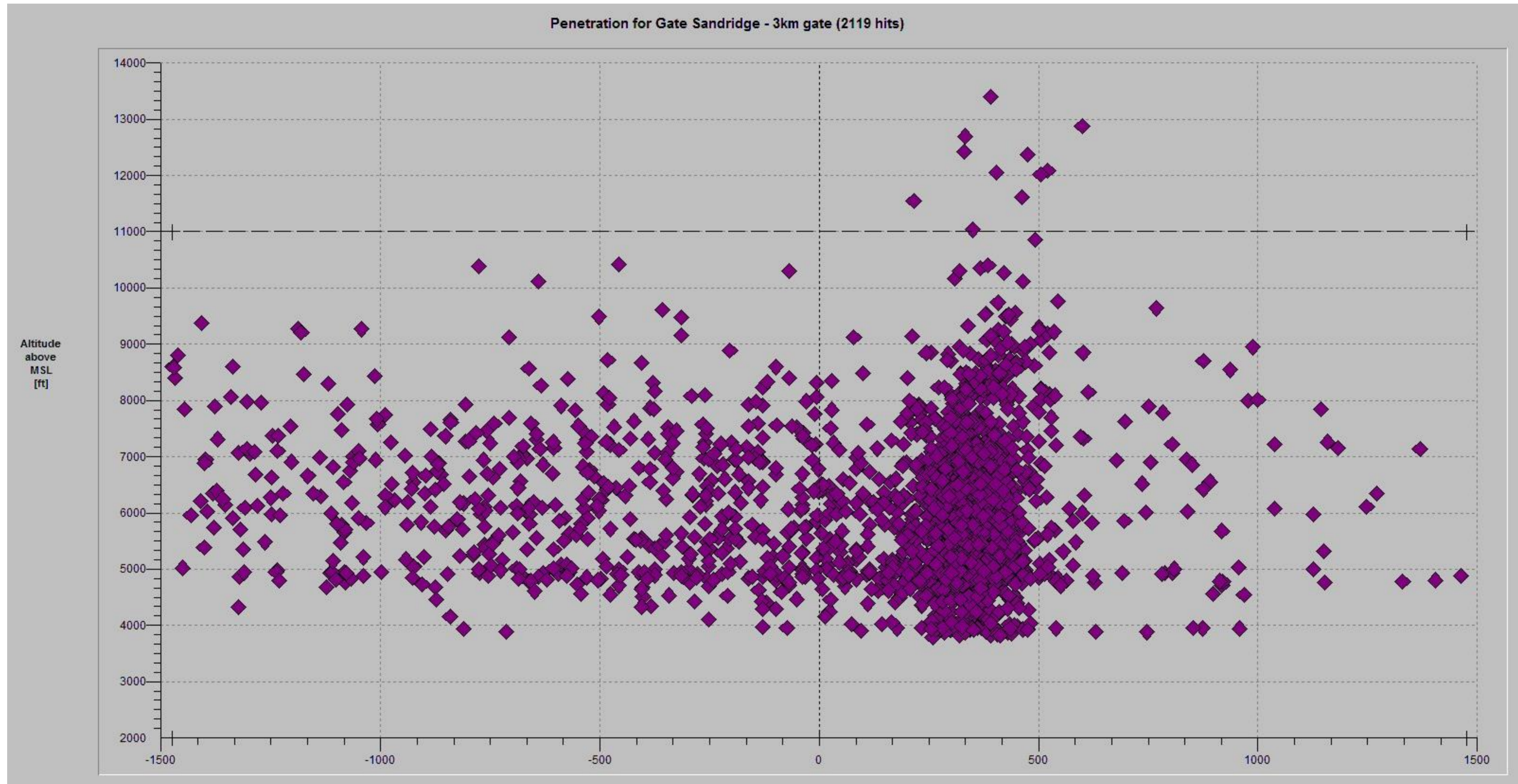
1st – 30th Apr 2017

Project

Date
28 March 2018

Version
01

Page
5



Gate Analysis comparison (RNAV only)

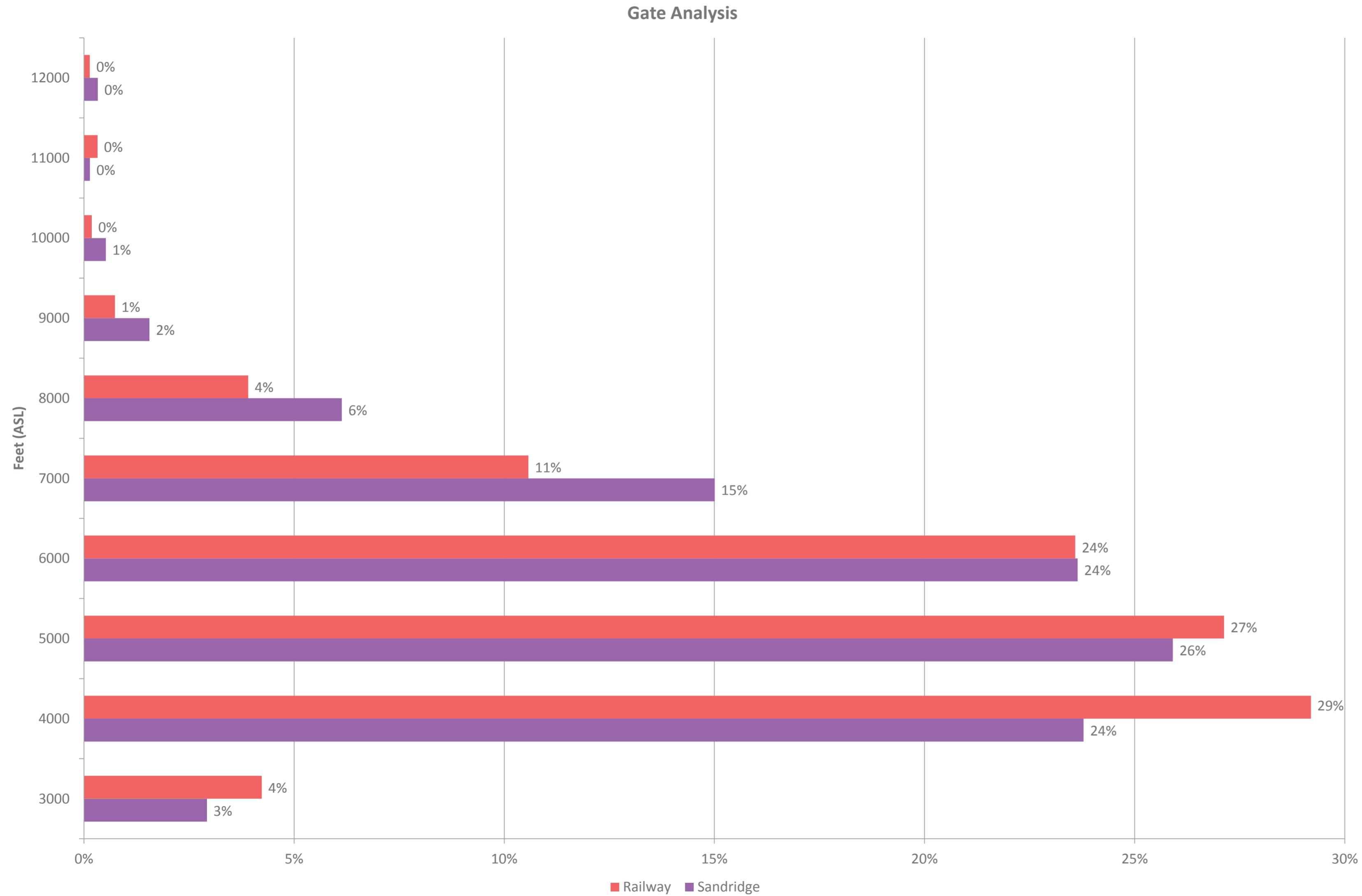
1st – 30th Apr 2017

Project

Date
28 March 2018

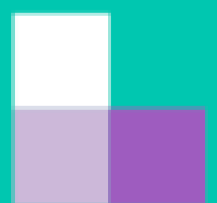
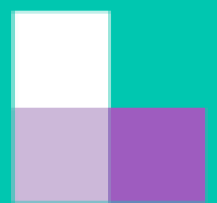
Version
01

Page
6



LUTON R26 BPK RNAV1 SIDs PIR Requirements – May

Version 1.0

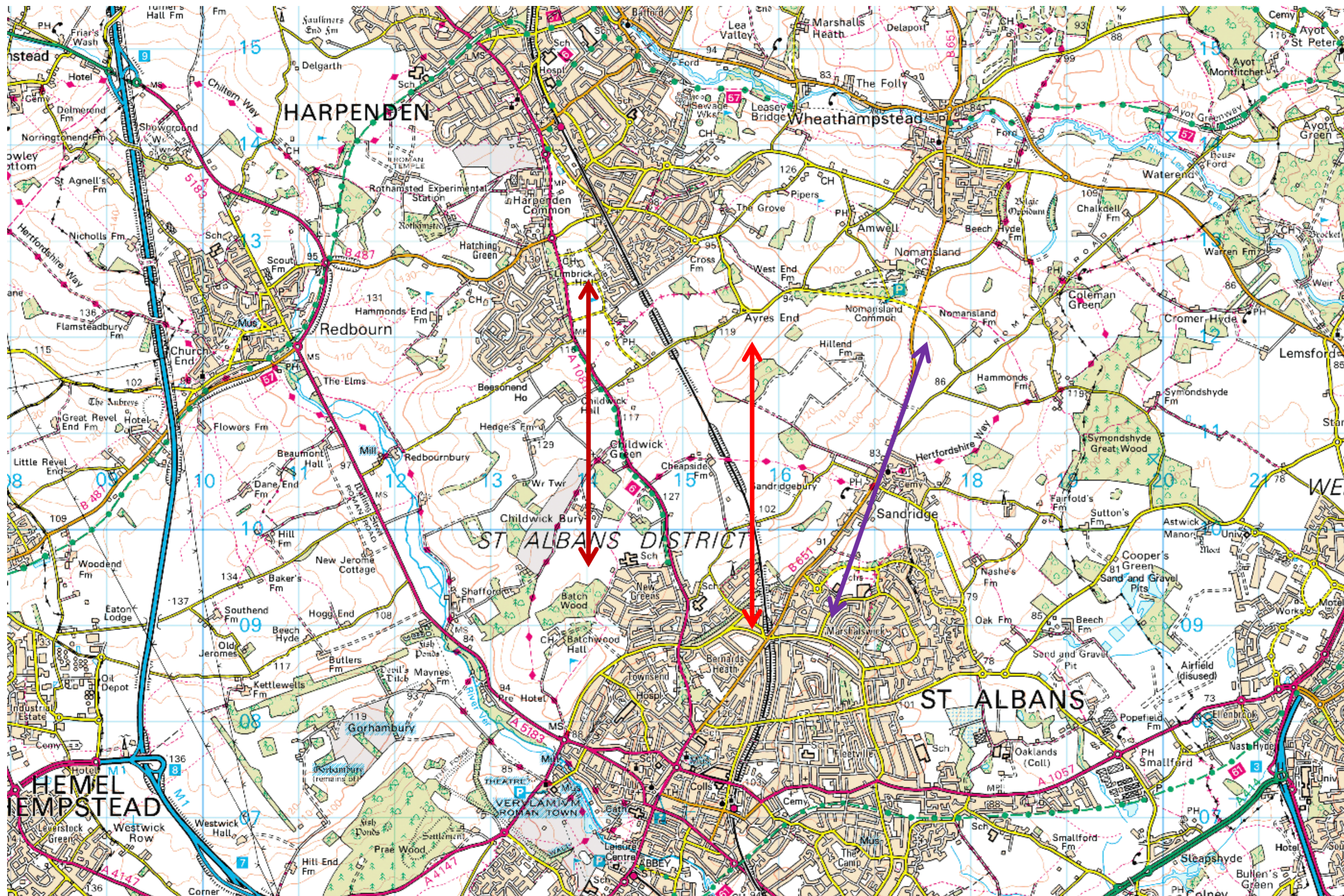


London
Luton
Airport



3. Gate analysis at Childwickbury Stud Farm, the railway line and at Sandridge

Childwickbury Stud Farm, Railway line and Sandridge 3km Gates location



Project

Date
28 March 2018

Version
01

Page
3

- ↔ Childwickbury Stud Farm
- ↔ Railway Line Gate
- ↔ Sandridge Gate



Gate Analysis at Childwickbury Stud Farm (1,477 tracks – RNAV only)

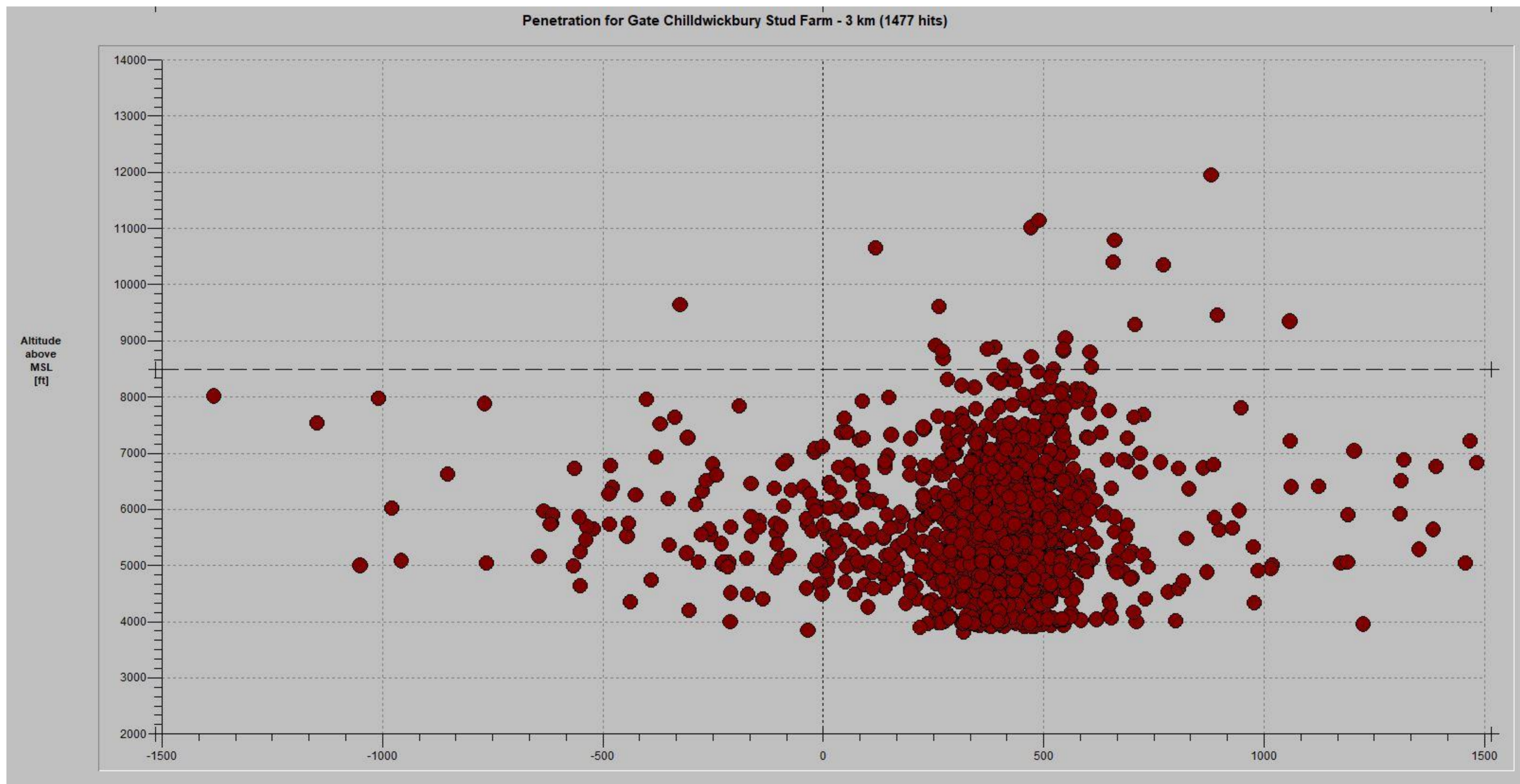
1st – 31st May 2017

Project

Date
28 March 2018

Version
01

Page
4



The average altitude of aircraft in the area is 5,310ft MSL



Gate Analysis at Railway (1,458 tracks – RNAV only)

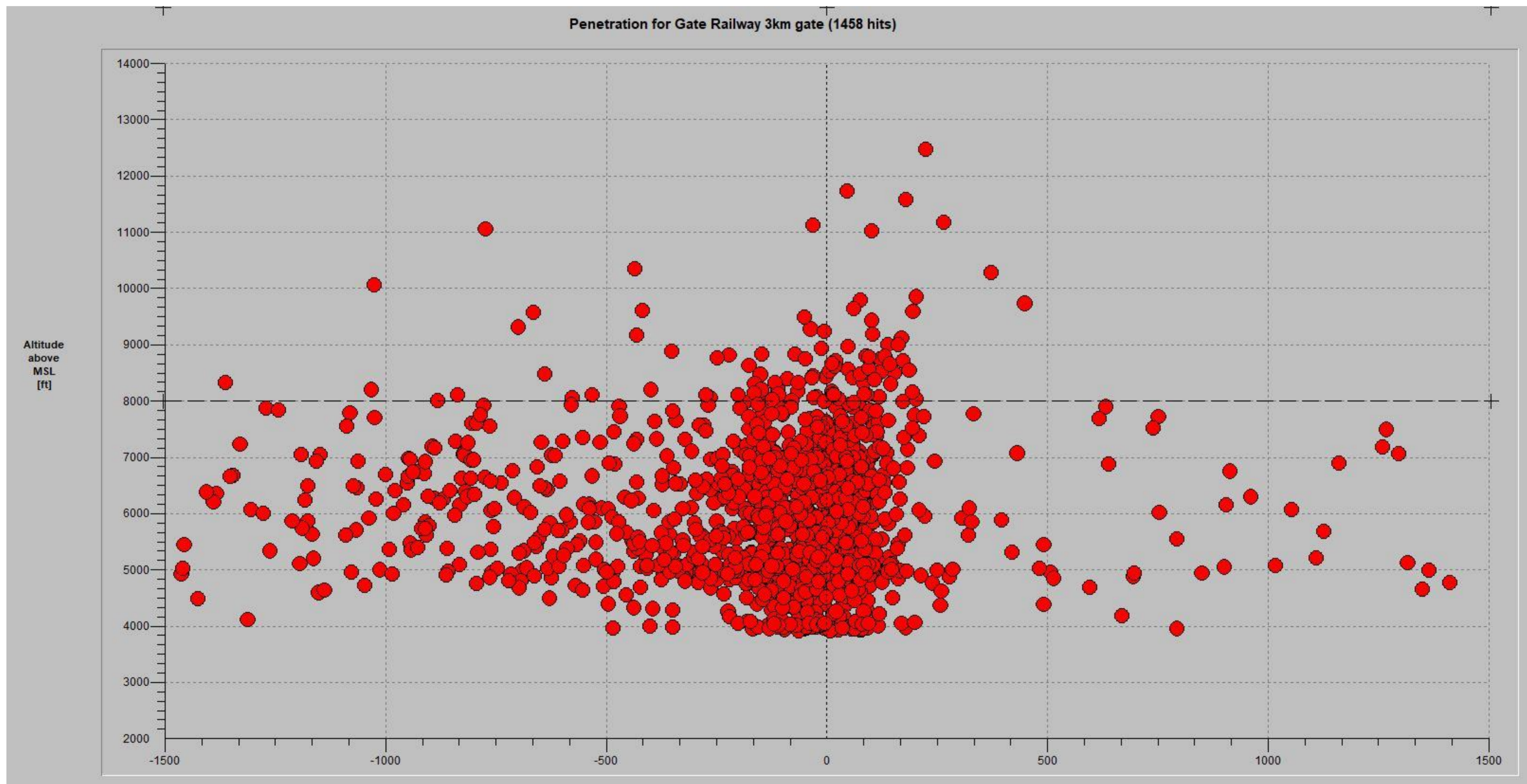
1st – 31st May 2017

Project

Date
28 March 2018

Version
01

Page
5



The average altitude of aircraft in the area is 5,961ft MSL

Gate Analysis at Sandridge (1,416 tracks – RNAV only)

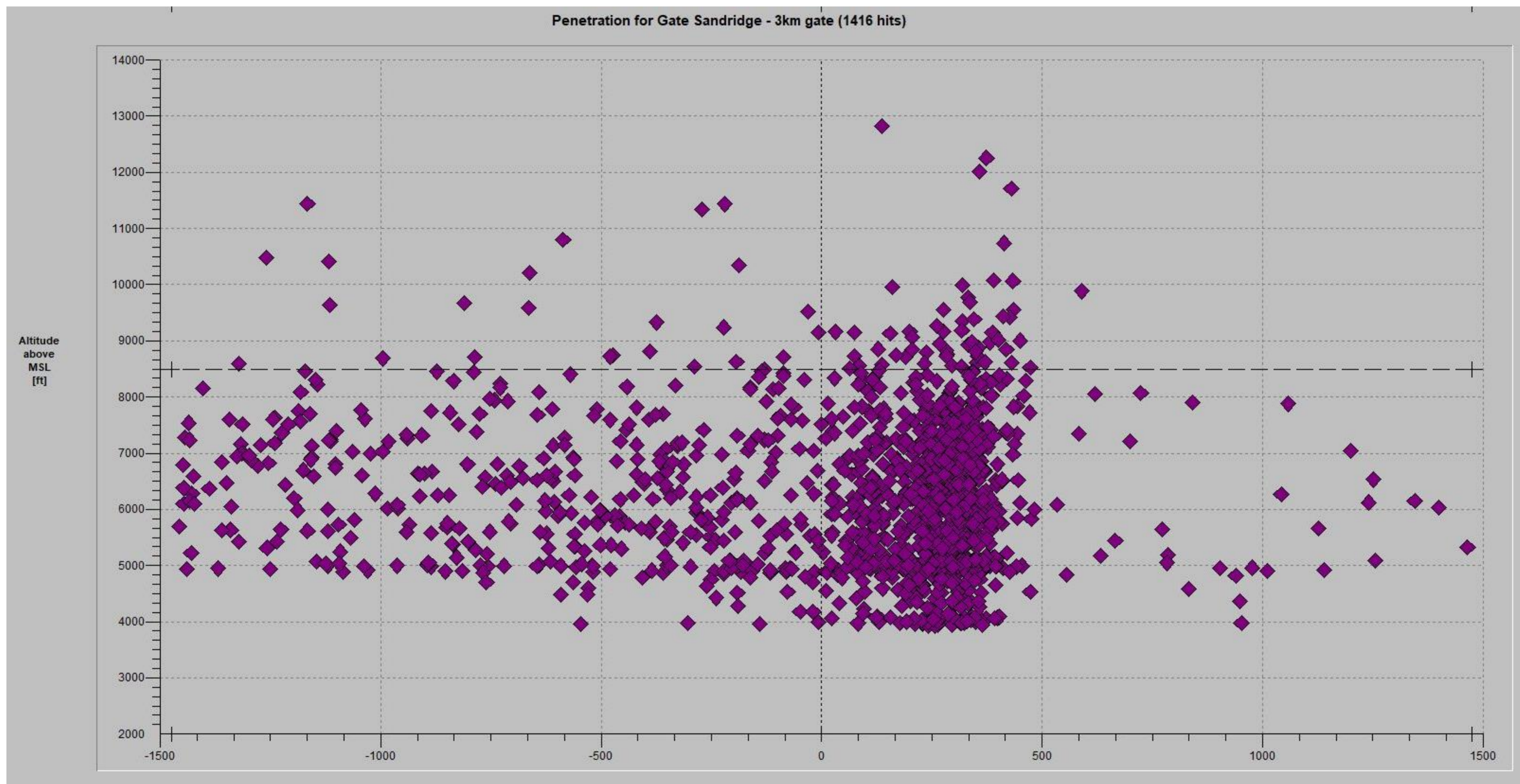
1st – 31st May 2017

Project

Date
28 March 2018

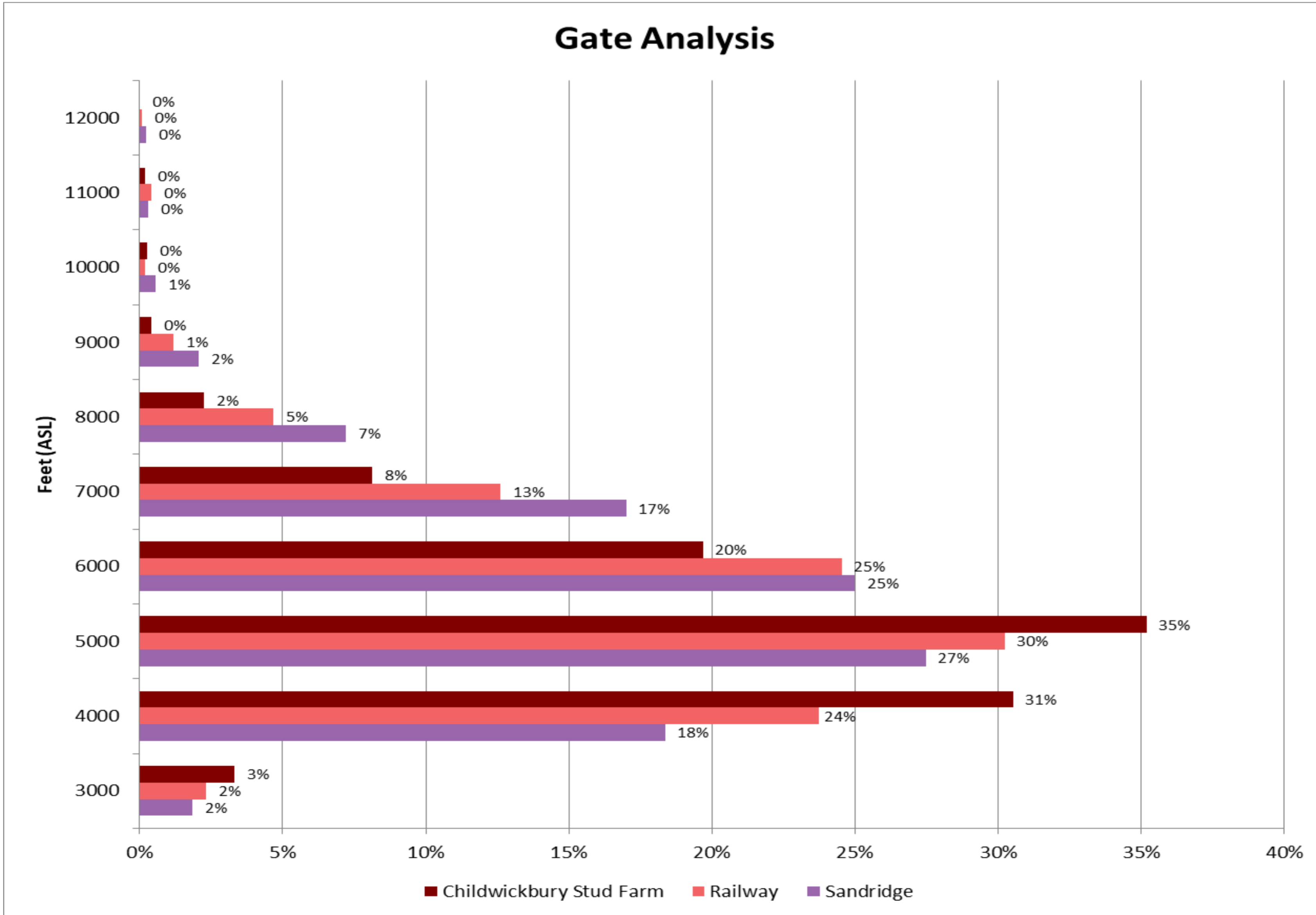
Version
01

Page
6



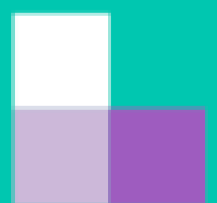
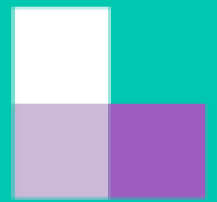
The average altitude of aircraft in the area is 6,240ft MSL





LUTON R26 BPK RNAV1 SIDs PIR Requirements – June

Version 1.0

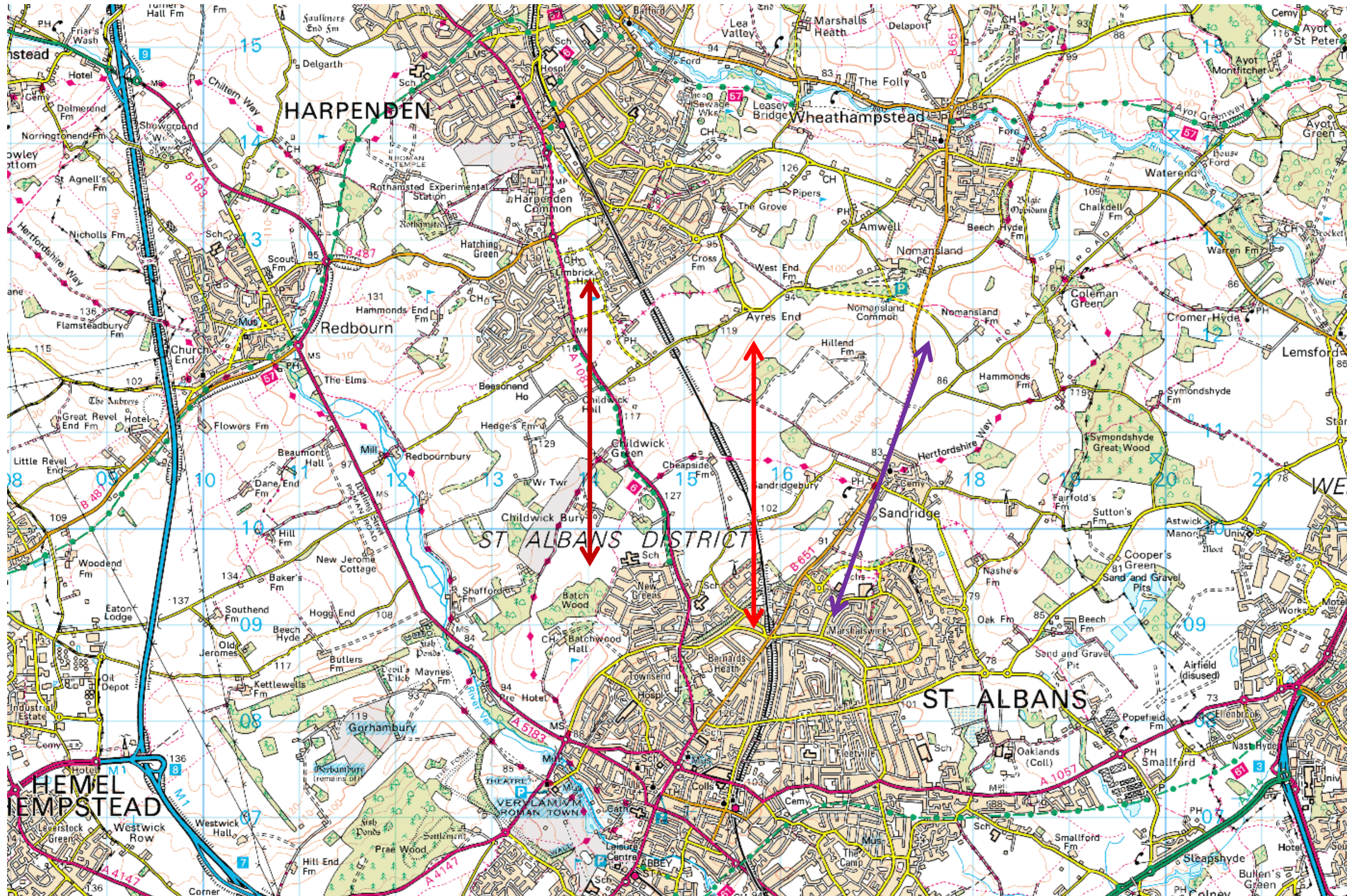


London
Luton
Airport



3. Gate analysis at Childwickbury Stud Farm, the railway line and at Sandridge

Childwickbury Stud Farm, Railway line and Sandridge 3km Gates location



Project

Date
28 March 2018

Version
01

Page
3

-  Childwickbury Stud Farm
-  Railway Line Gate
-  Sandridge Gate



Gate Analysis at Childwickbury Stud Farm (2,334 tracks – RNAV only)

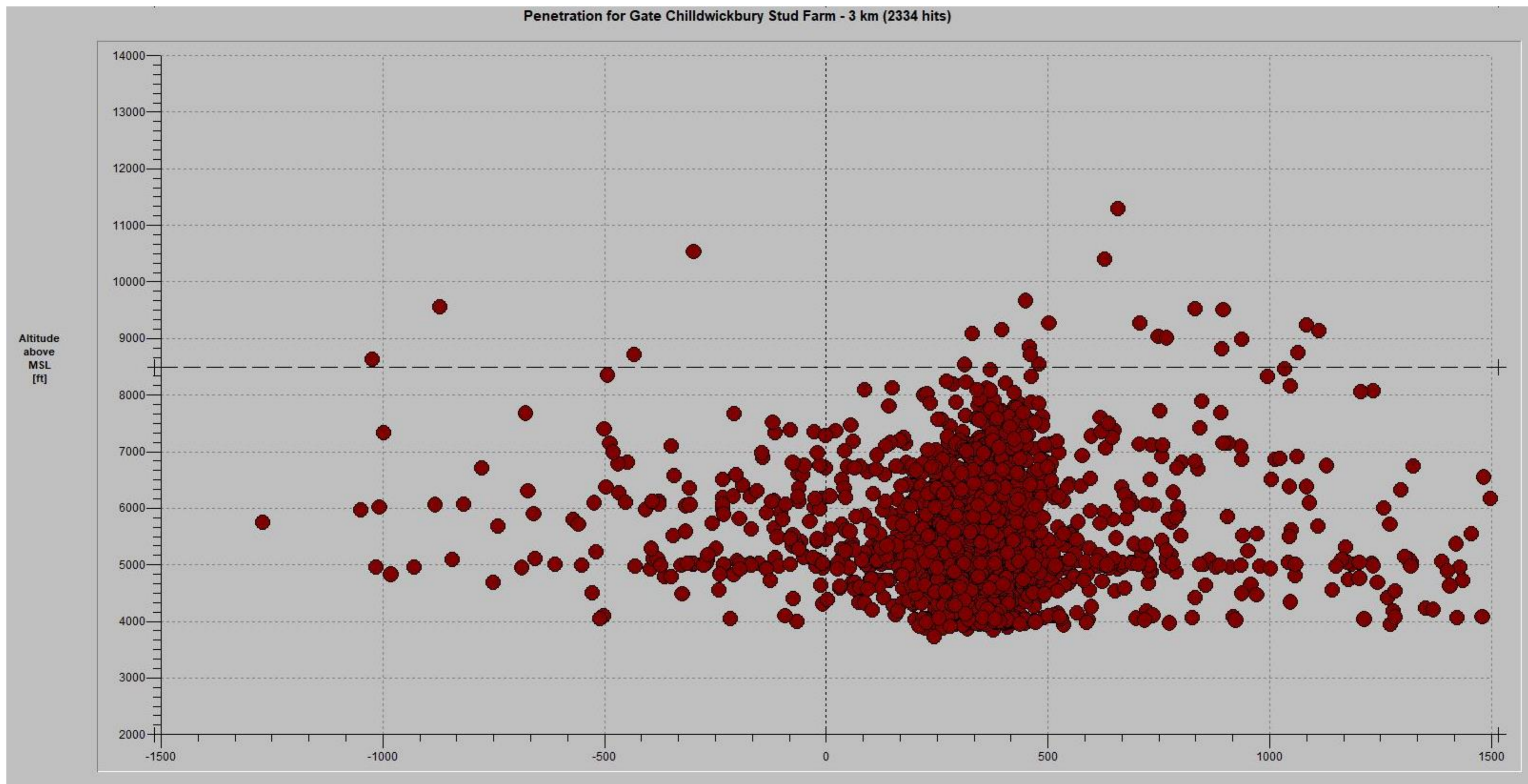
1st – 30th Jun 2017

Project

Date
28 March 2018

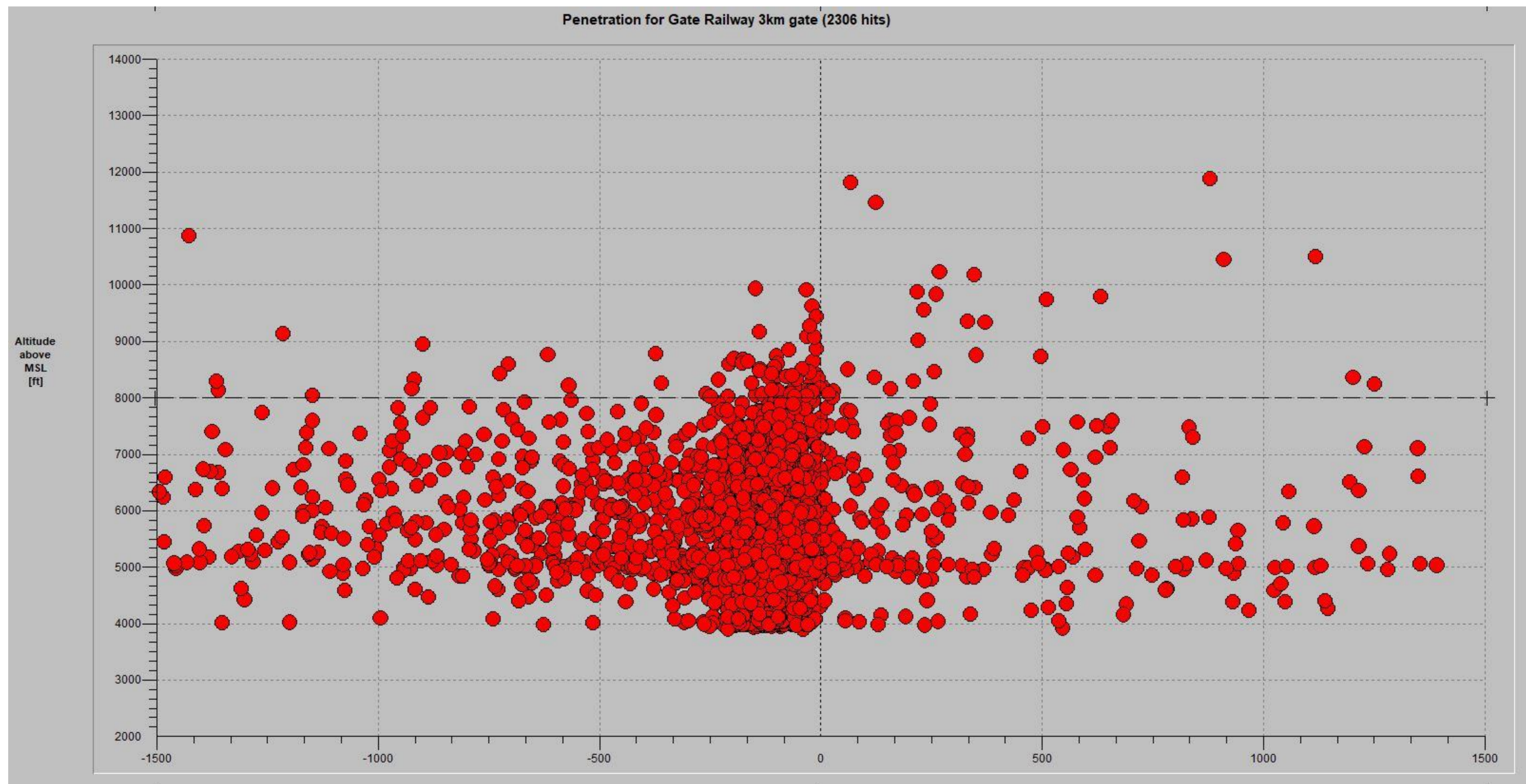
Version
01

Page
4



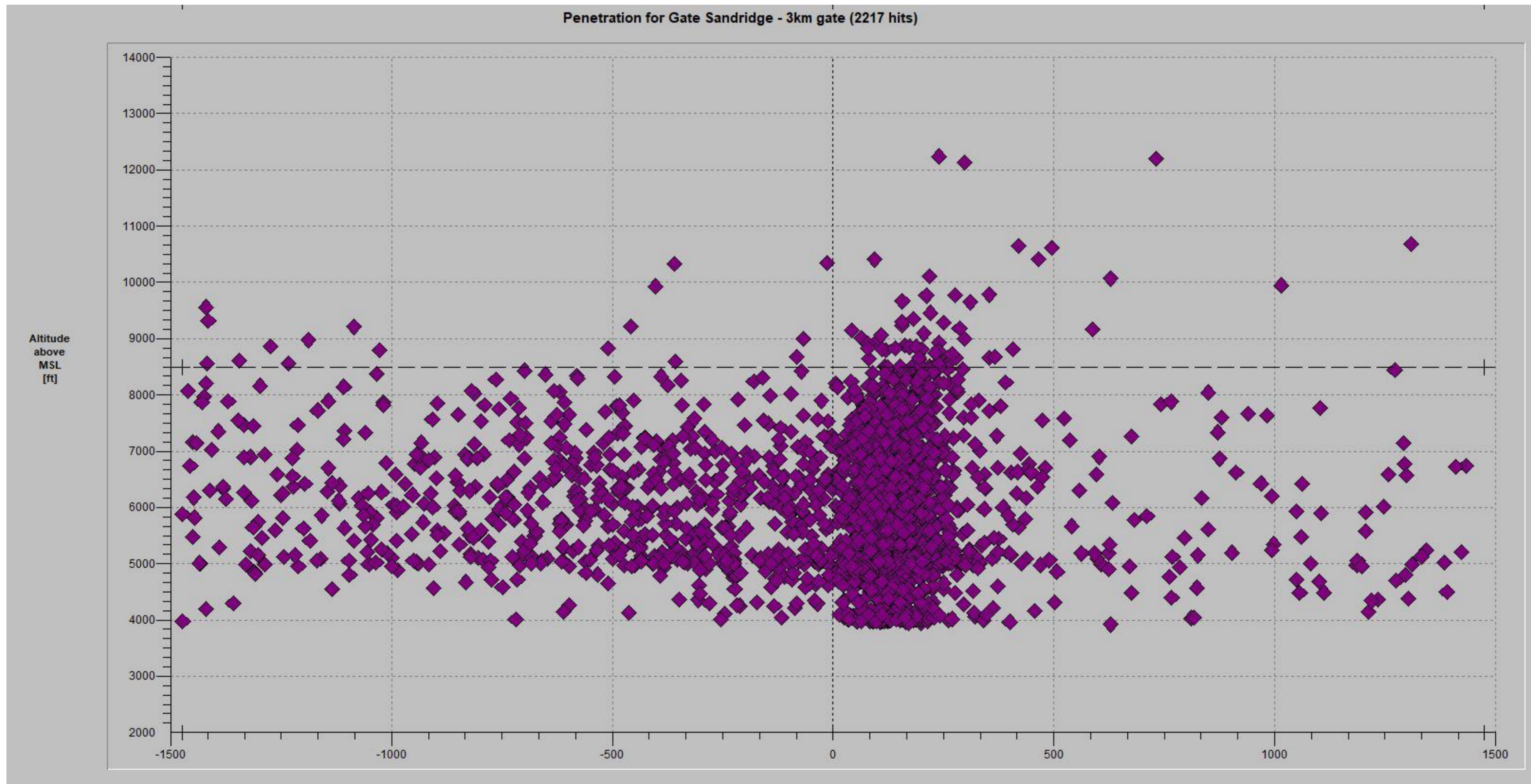
The average altitude of aircraft in the area is 5,430ft MSL





The average altitude of aircraft in the area is 5,761ft MSL





The average altitude of aircraft in the area is 6,019ft MSL

Gate Analysis comparison (RNAV only)

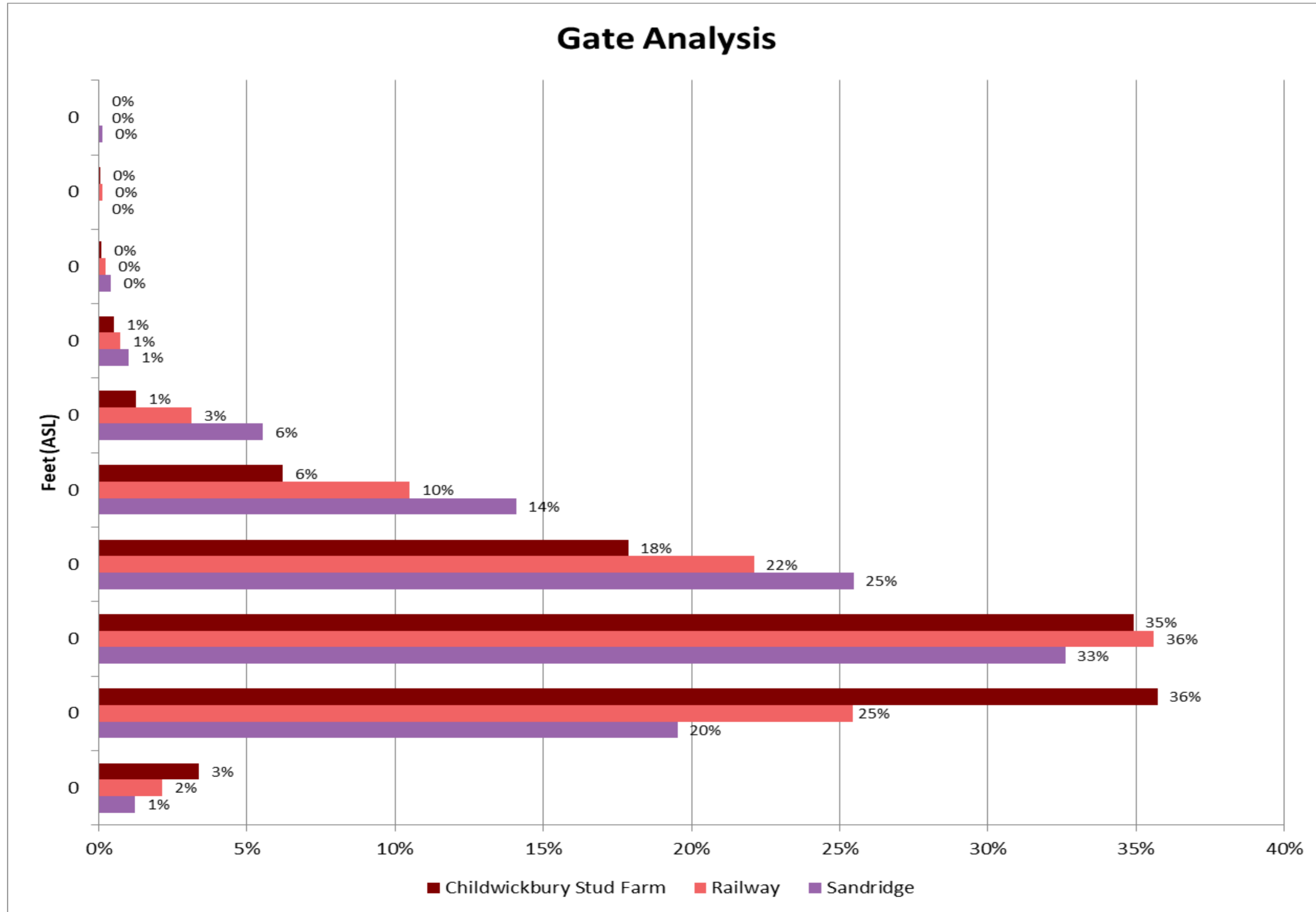
1st – 30th Jun 2017

Project

Date
28 March 2018

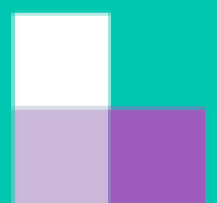
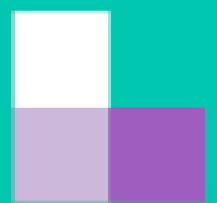
Version
01

Page
7



LUTON R26 BPK RNAV1 SIDs PIR Requirements – July

Version 1.0



London
Luton
Airport



3. Gate analysis at Childwickbury Stud Farm, the railway line and at Sandridge

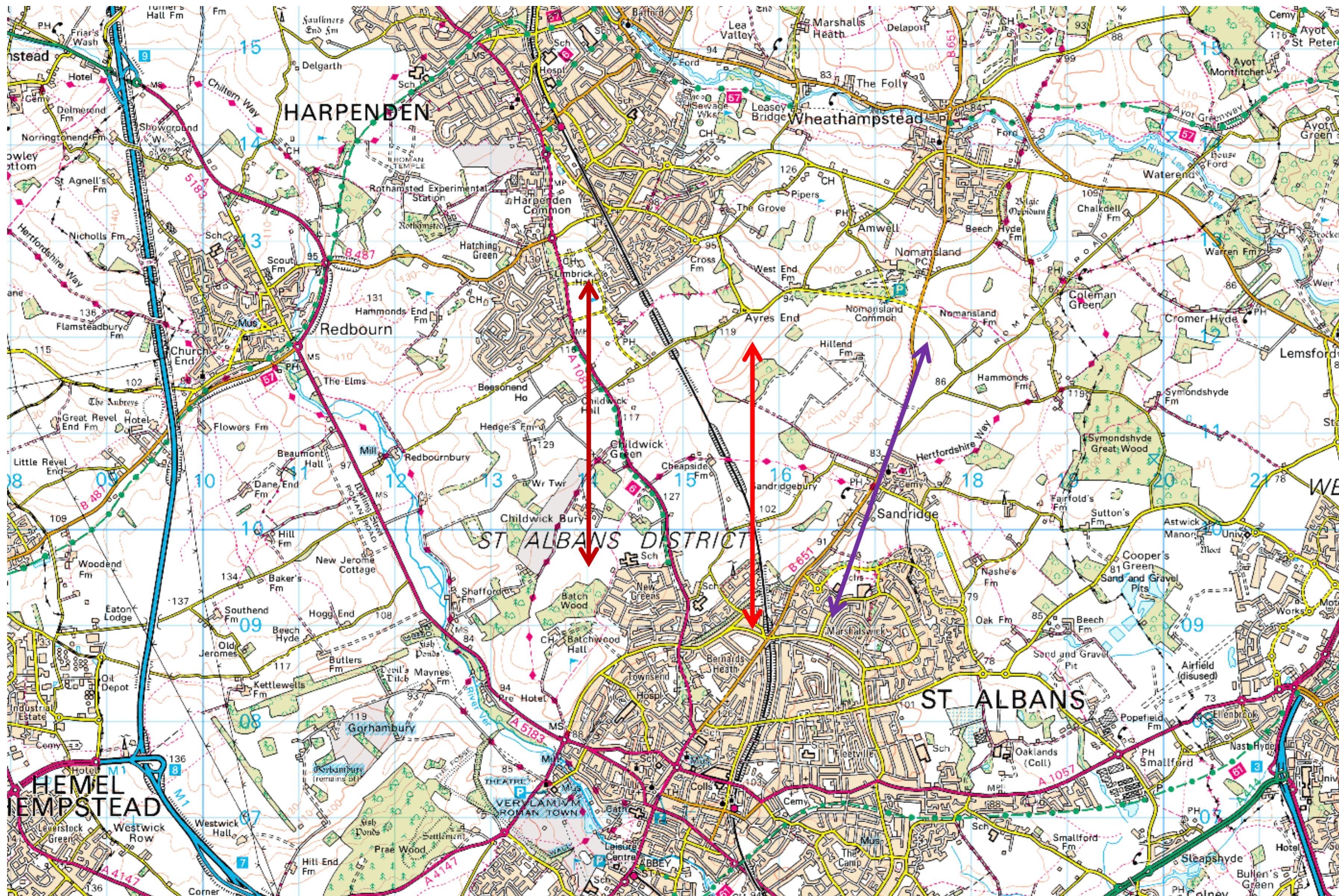
Childwickbury Stud Farm, Railway line and Sandridge 3km Gates location

Project

Date
28 March 2018

Version
01

Page
3



-  Childwickbury Stud Farm
-  Railway Line Gate
-  Sandridge Gate



Gate Analysis at Childwickbury Stud Farm (2,372 tracks – RNAV only)

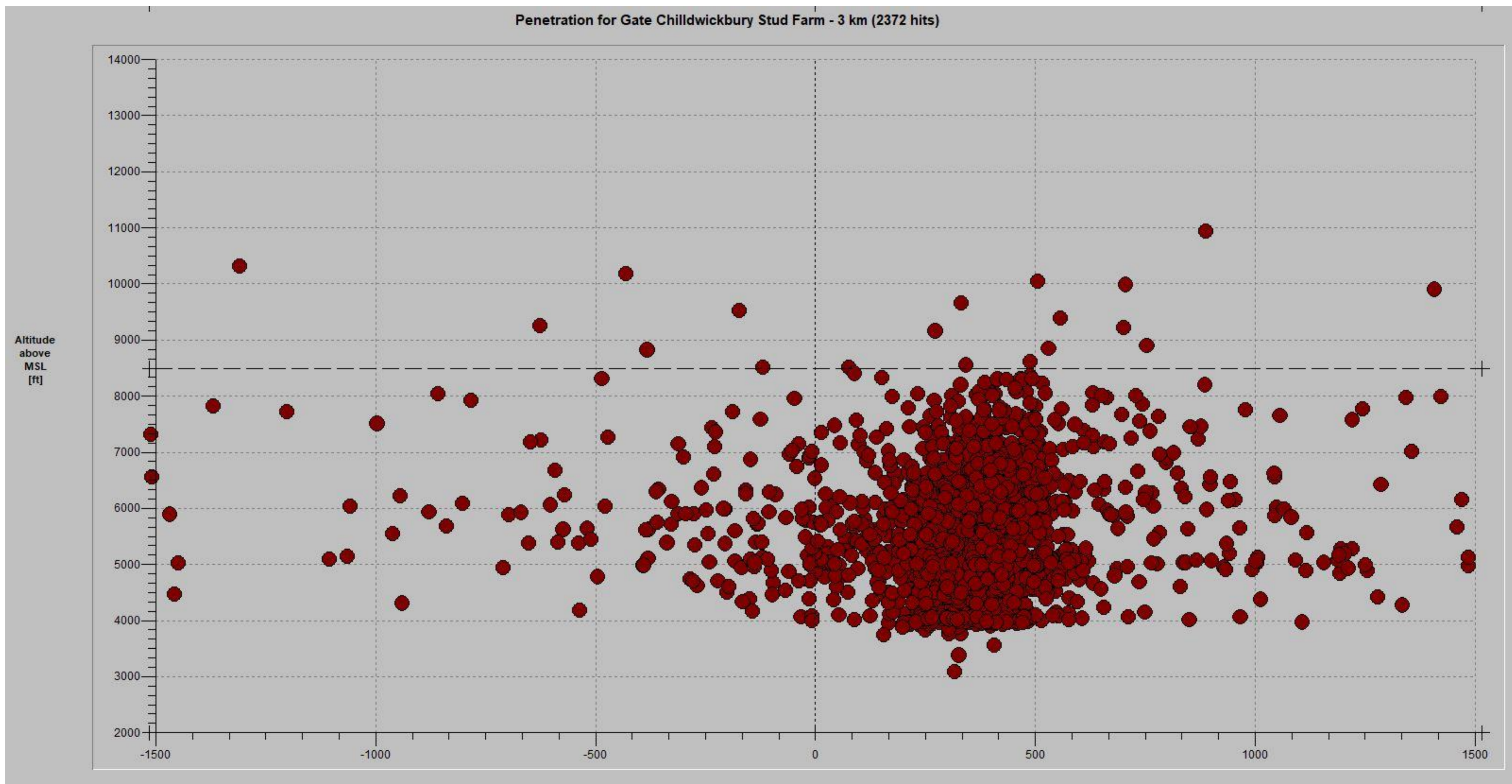
1st – 31st Jul 2017

Project

Date
28 March 2018

Version
01

Page
4



The average altitude of aircraft in the area is 5,477ft MSL



Gate Analysis at Railway (2,342 tracks – RNAV only)

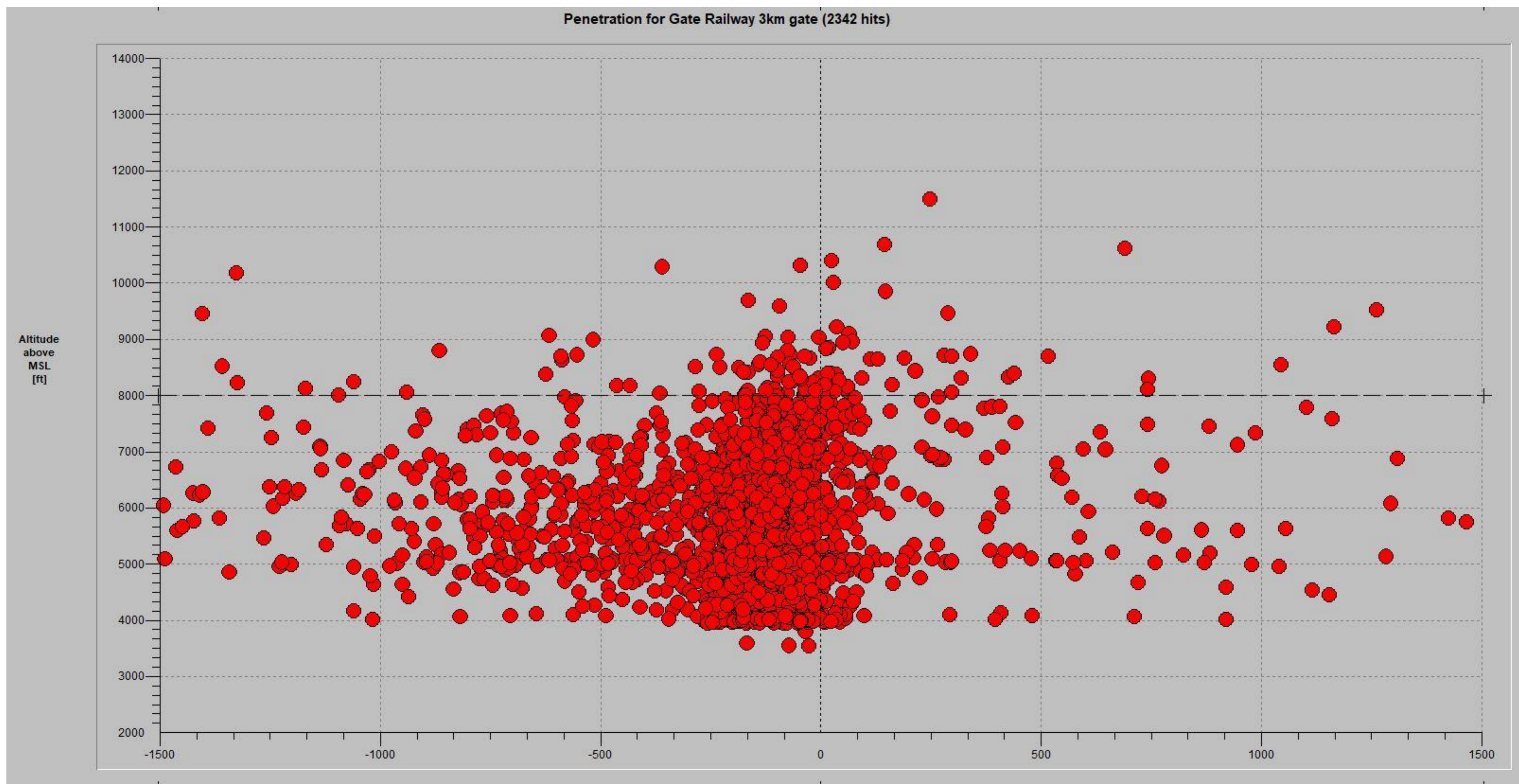
1st – 31st Jul 2017

Project

Date
28 March 2018

Version
01

Page
5



The average altitude of aircraft in the area is 5,822ft MSL

Gate Analysis at Sandridge (2,286 tracks – RNAV only)

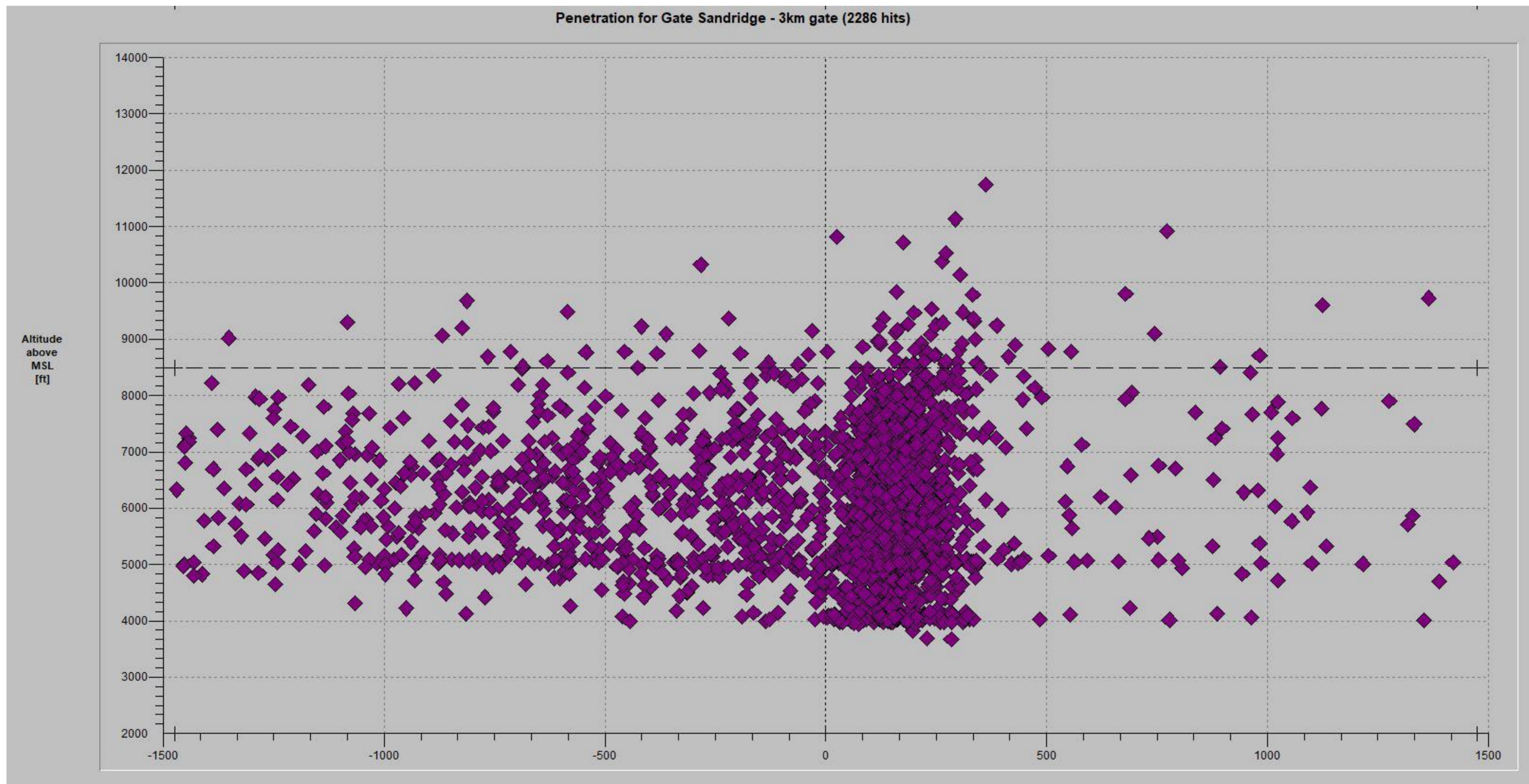
1st – 31st Jul 2017

Project

Date
28 March 2018

Version
01

Page
6



The average altitude of aircraft in the area is 6,086ft MSL



Gate Analysis comparison (RNAV only)

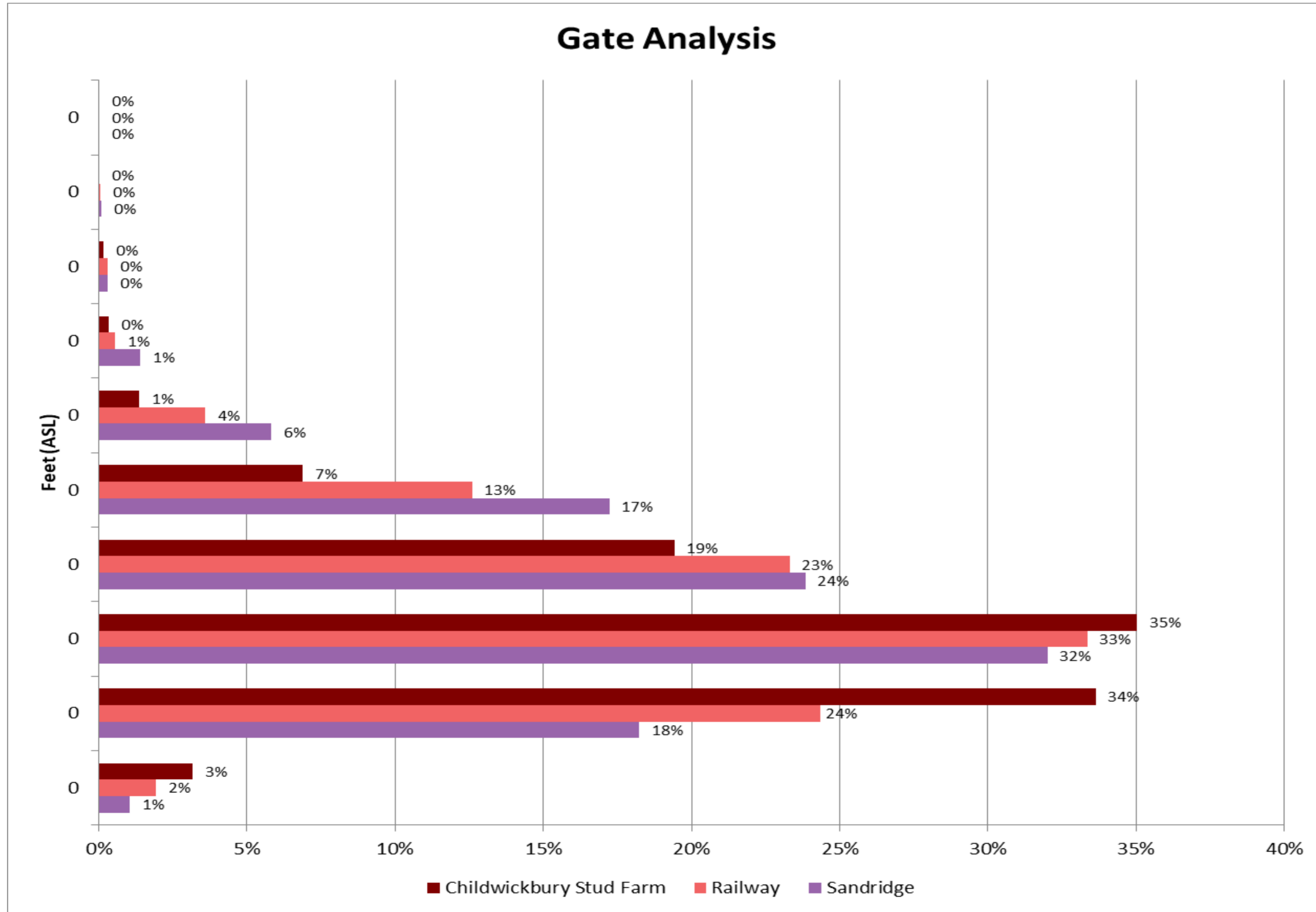
1st – 31st Jul 2017

Project

Date
28 March 2018

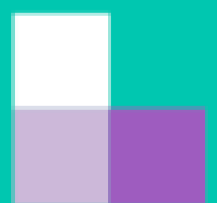
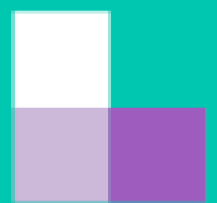
Version
01

Page
7



LUTON R26 BPK RNAV1 SIDs PIR Requirements – August

Version 1.0



London
Luton
Airport



3. Gate analysis at Childwickbury Stud Farm, the railway line and at Sandridge

Childwickbury Stud Farm, Railway line and Sandridge 3km Gates location

Project

Date
28 March 2018

Version
01

Page
3



- ↔ Childwickbury Stud Farm
- ↔ Railway Line Gate
- ↔ Sandridge Gate



Gate Analysis at Childwickbury Stud Farm (2,518 tracks – RNAV only)

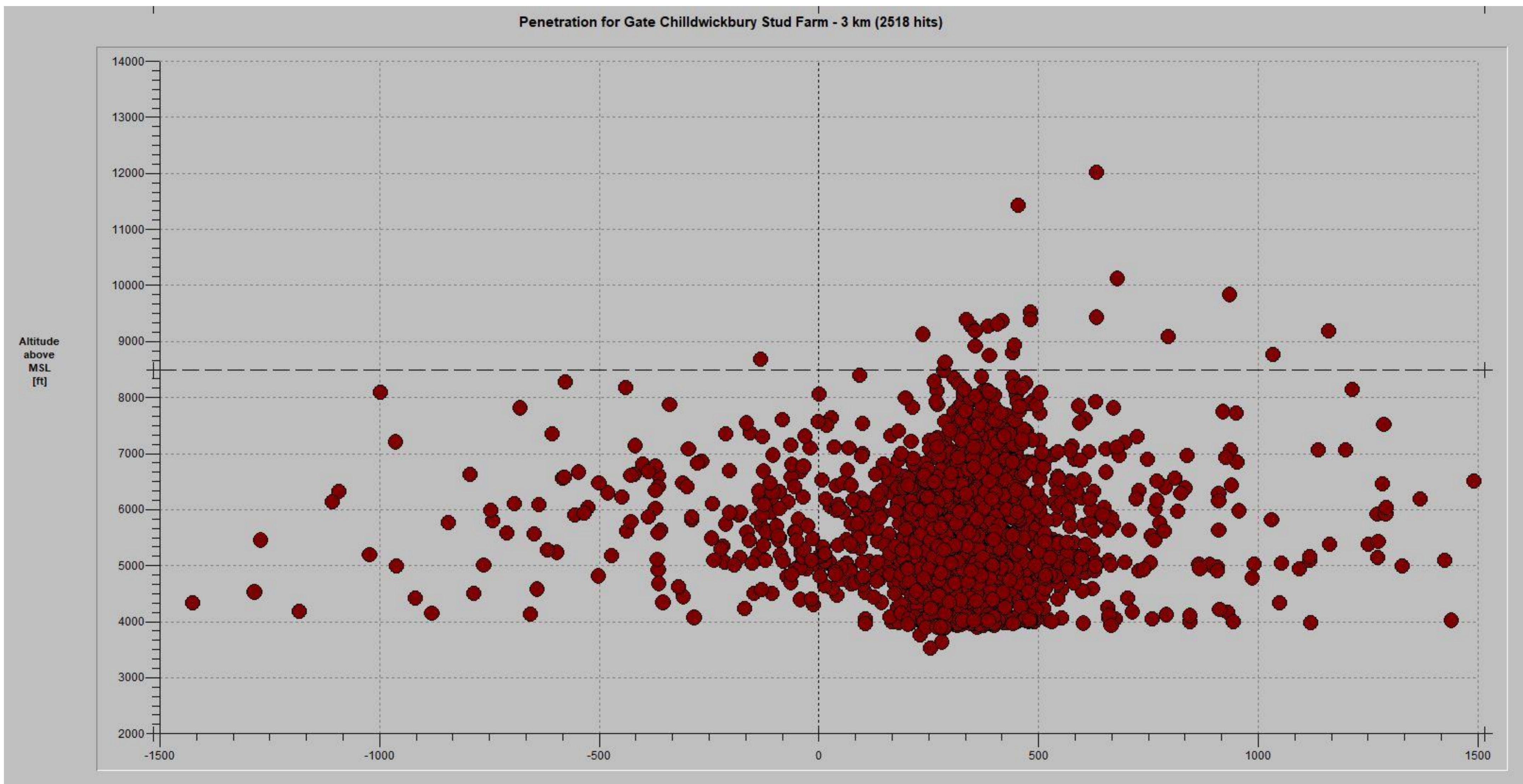
1st – 31st Aug 2017

Project

Date
28 March 2018

Version
01

Page
4



The average altitude of aircraft in the area is 5,476ft MSL



Gate Analysis at Railway (2,486 tracks – RNAV only)

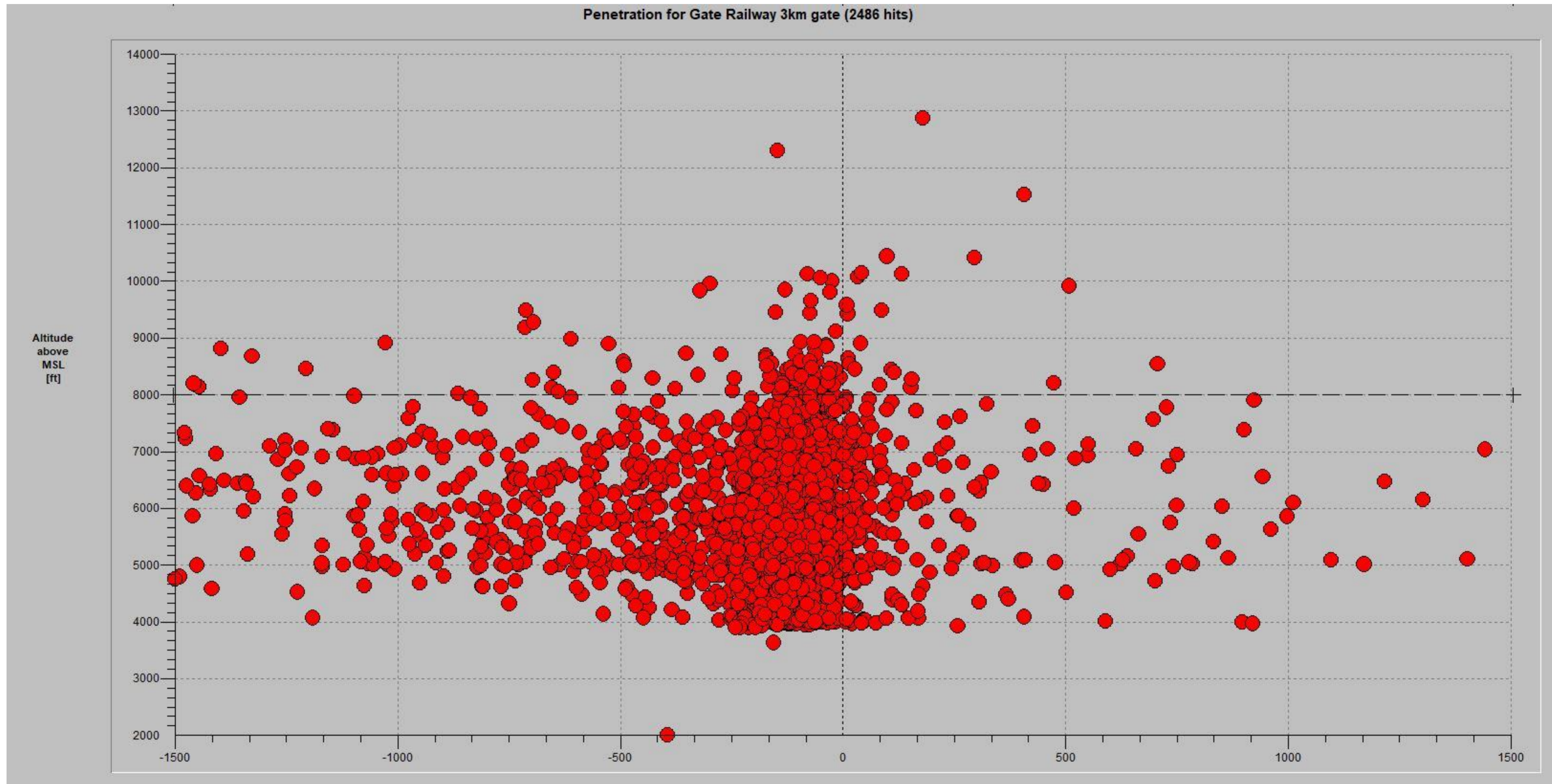
1st – 31st Aug 2017

Project

Date
28 March 2018

Version
01

Page
5



The average altitude of aircraft in the area is 5,833ft MSL



Gate Analysis at Sandridge (2,410 tracks – RNAV only)

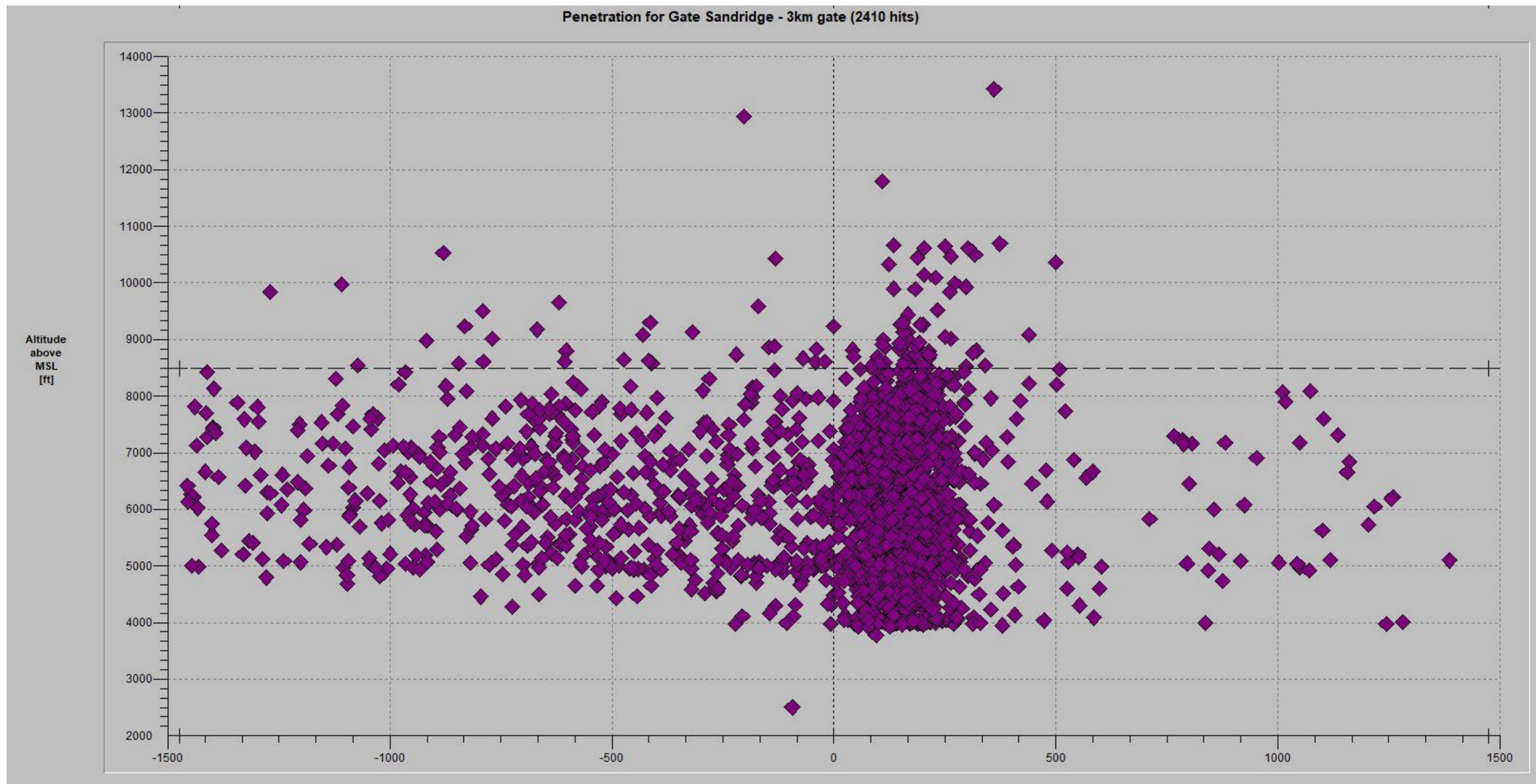
1st – 31st Aug 2017

Project

Date
28 March 2018

Version
01

Page
6



The average altitude of aircraft in the area is 6,100ft MSL



Gate Analysis comparison (RNAV only)

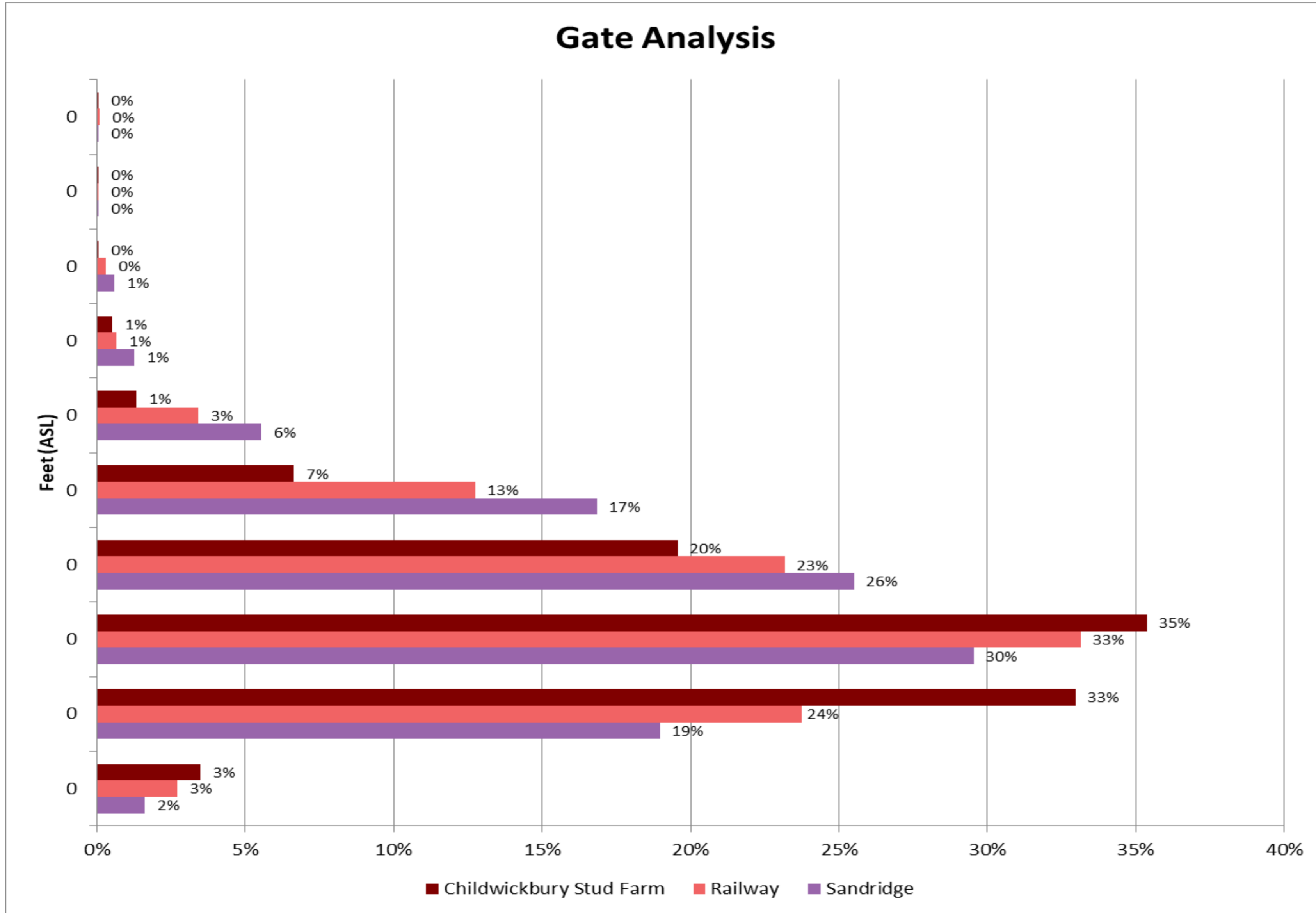
1st – 31st Aug 2017

Project

Date
28 March 2018

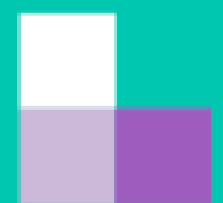
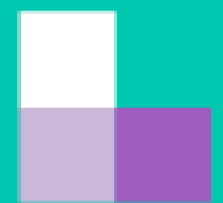
Version
01

Page
7



LUTON R26 BPK RNAV1 SIDs PIR Requirements – September

Version 1.0



London
Luton
Airport



3. Gate analysis at Childwickbury Stud Farm, the railway line and at Sandridge

Childwickbury Stud Farm, Railway line and Sandridge 3km Gates location



Project

Date
28 March 2018

Version
01

Page
3

-  Childwickbury Stud Farm
-  Railway Line Gate
-  Sandridge Gate



Gate Analysis at Childwickbury Stud Farm (2,452 tracks – RNAV only)

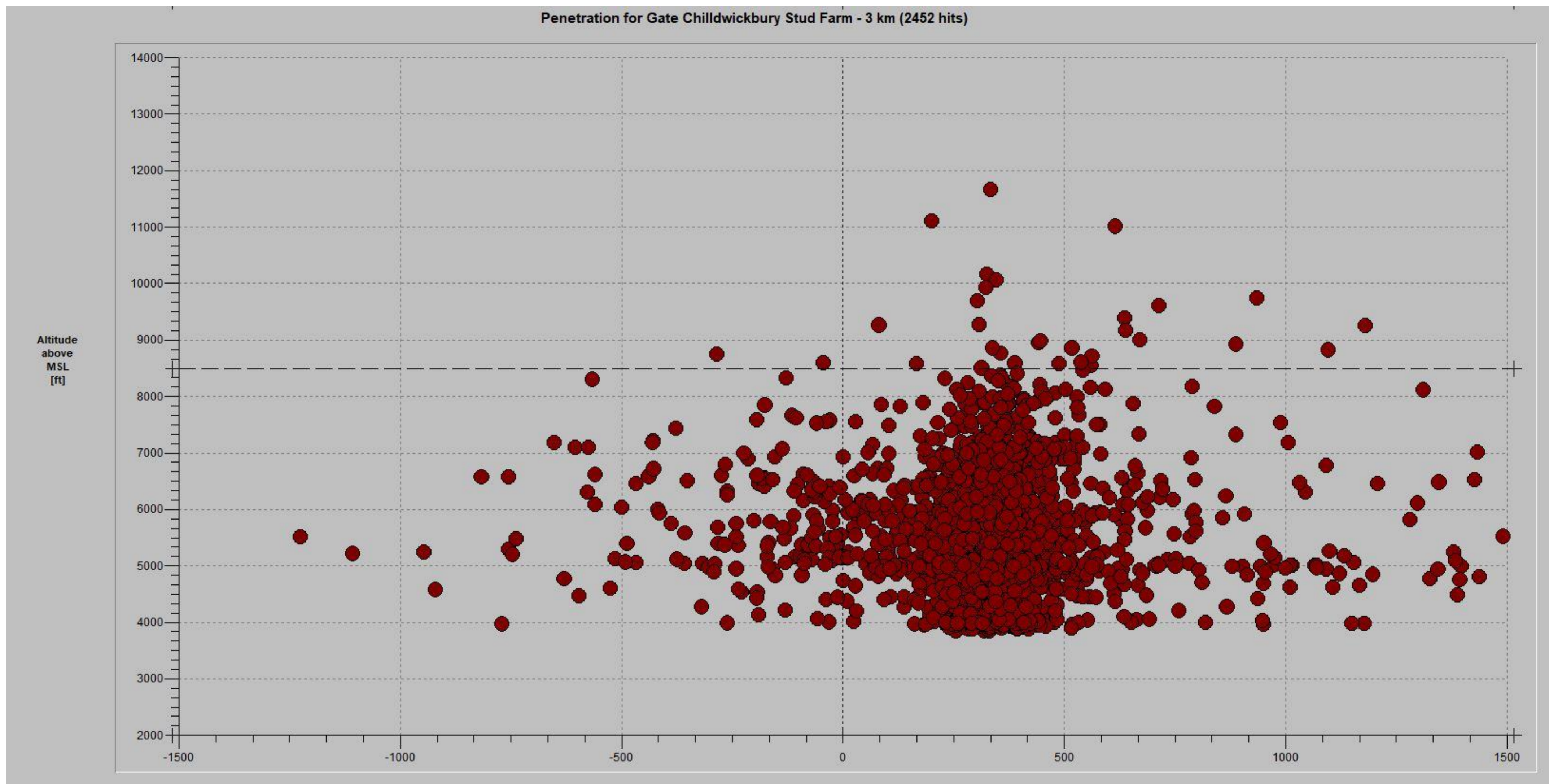
1st – 30th Sep 2017

Project

Date
28 March 2018

Version
01

Page
4



The average altitude of aircraft in the area is 5,443ft MSL



Gate Analysis at Railway (2,443 tracks – RNAV only)

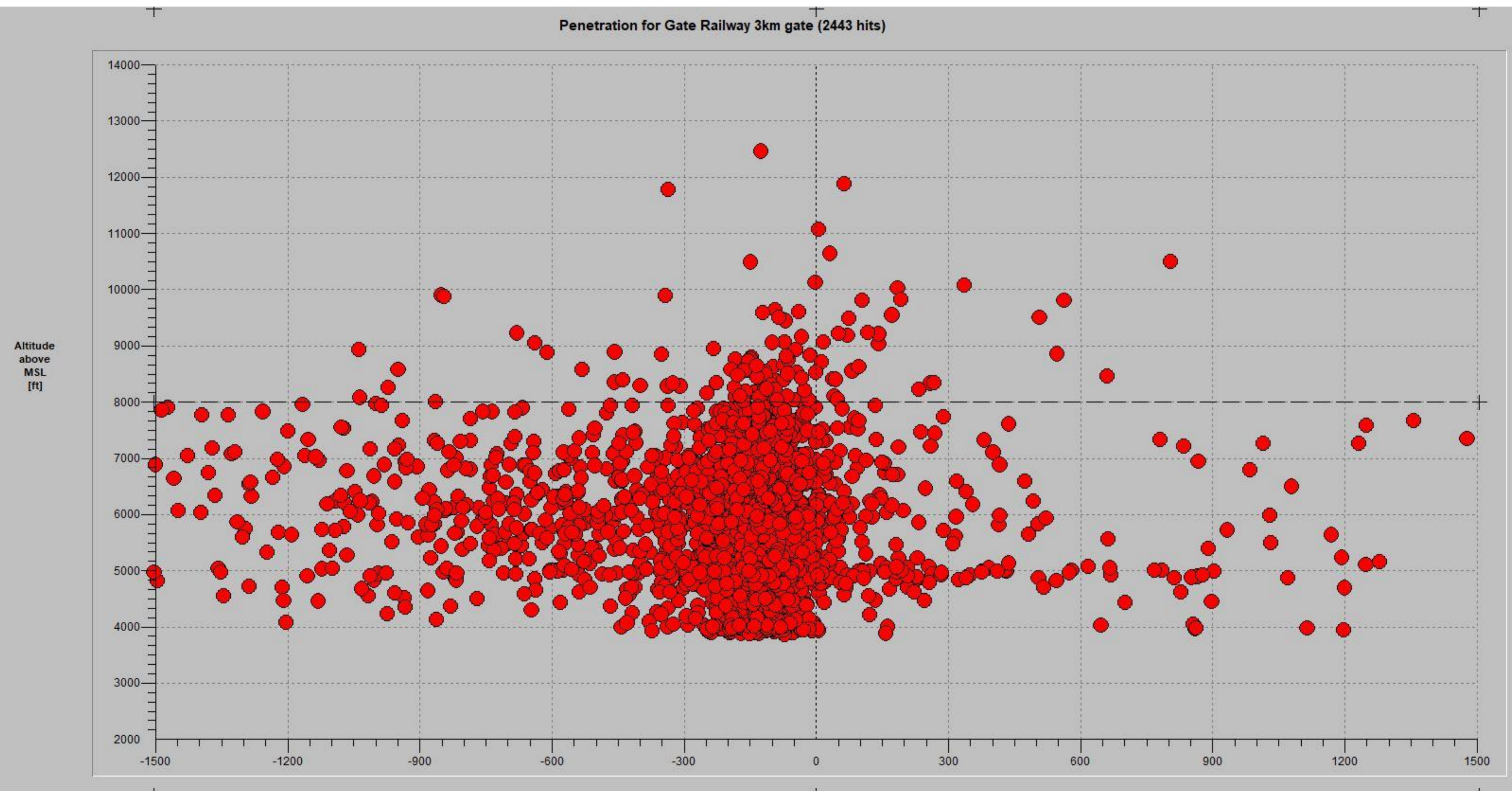
1st – 30th Sep 2017

Project

Date
28 March 2018

Version
01

Page
5



The average altitude of aircraft in the area is 5,798ft MSL

Gate Analysis at Sandridge (2,375 tracks – RNAV only)

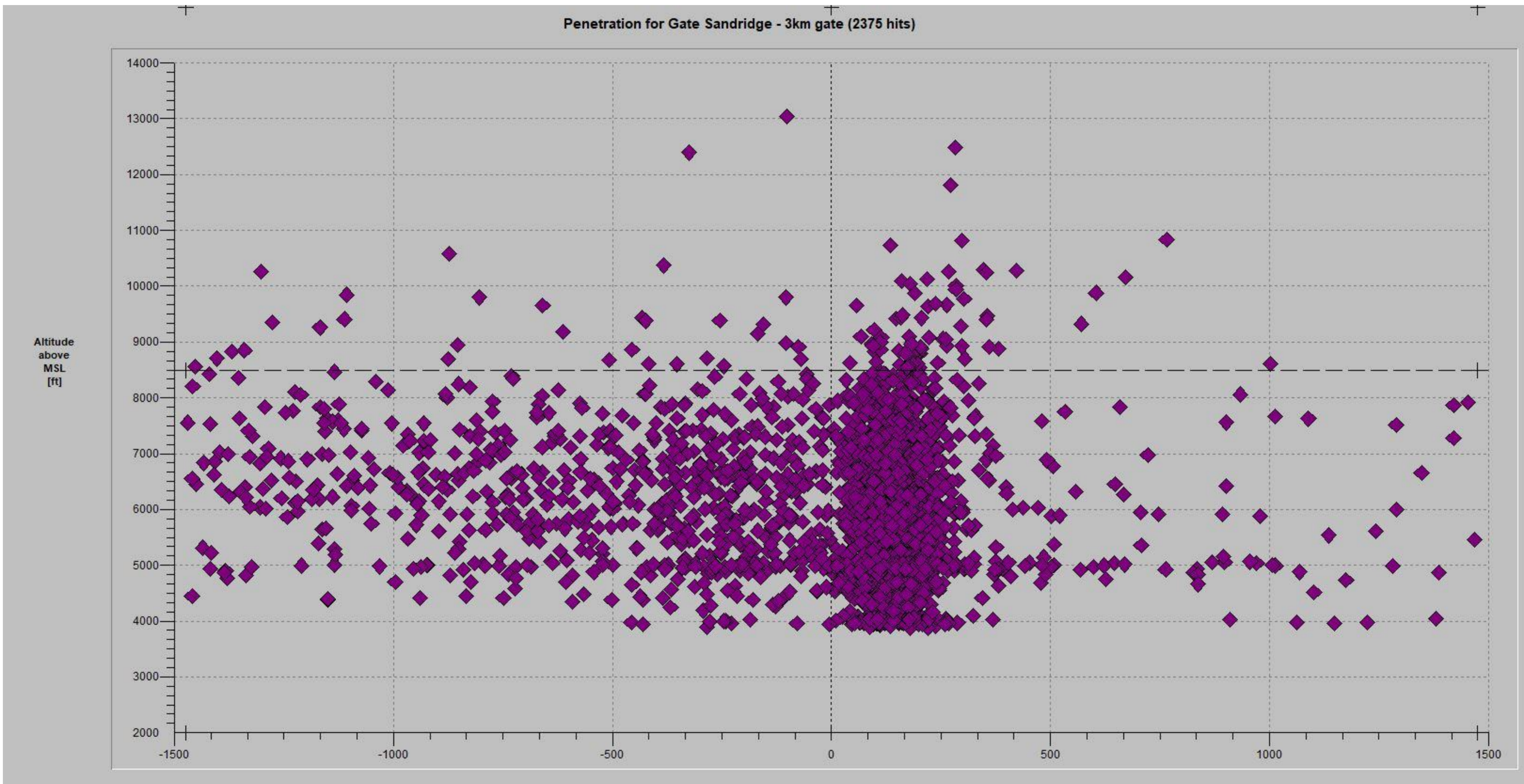
1st – 30th Sep 2017

Project

Date
28 March 2018

Version
01

Page
6



The average altitude of aircraft in the area is 6,077ft MSL

Gate Analysis comparison (RNAV only)

1st – 30th Sep 2017

Project

Date
28 March 2018

Version
01

Page
7

