



Airport Community Roundtable

Agenda – December 20, 2017

1. Call to Order
2. Approval of Meeting Minutes
3. Special Priority Items
 - a. Flight Data Analyses by Bob Petruska
4. Unfinished Business
 - Update on CLT research regarding N.O.I.S.E. membership
 - Technical support for ACR
 - Update on ACR Request/Recommendation 2017 – 01
 - Update on ACR Request/Recommendation 2017 – 03
5. New Business
6. Adjourn



Airport Community Roundtable

Approval of Meeting Minutes:

- Approve 11/15/17 Meeting Minutes



Special Priority Item: Flight Data Analyses

Presentation by Bob Petruska

- Data provided by Daniel Gardon Noise Abatement Specialist CLT
- Analyzed by Bob Petruska – ACR member of District 6 (Steele Creek area)
- Data from a two mile bubble around Bob's residence in Charlotte (5.2 miles from CLT)
- Published on November 29, 2017



Special Priority Item: Flight Data Analyses

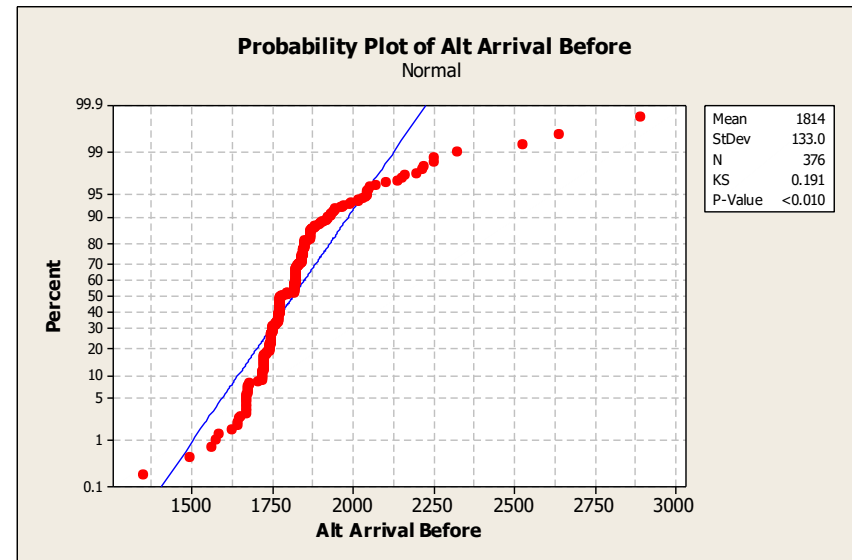
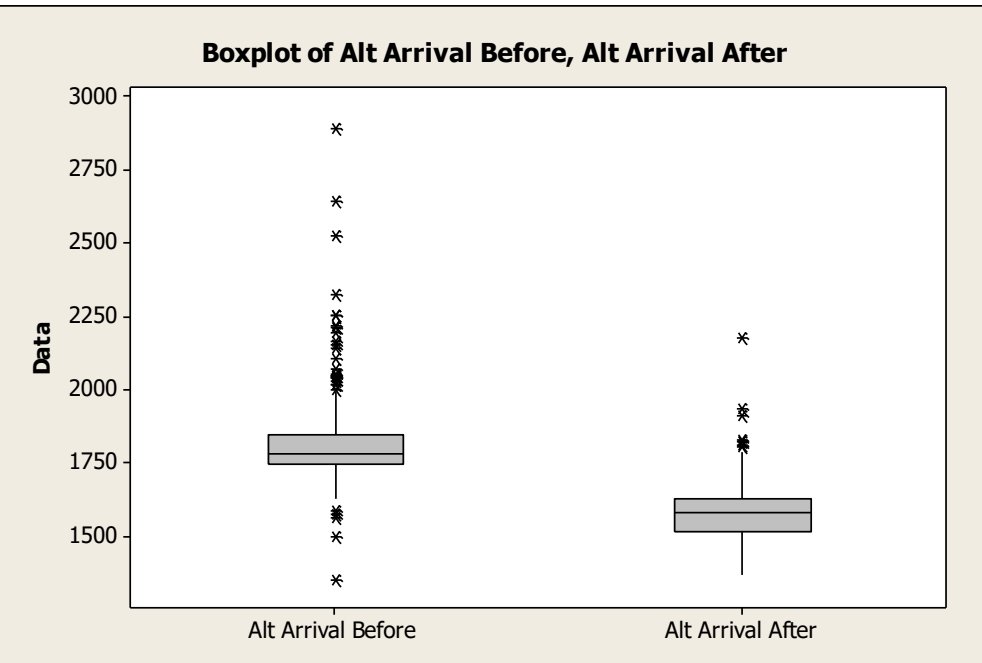
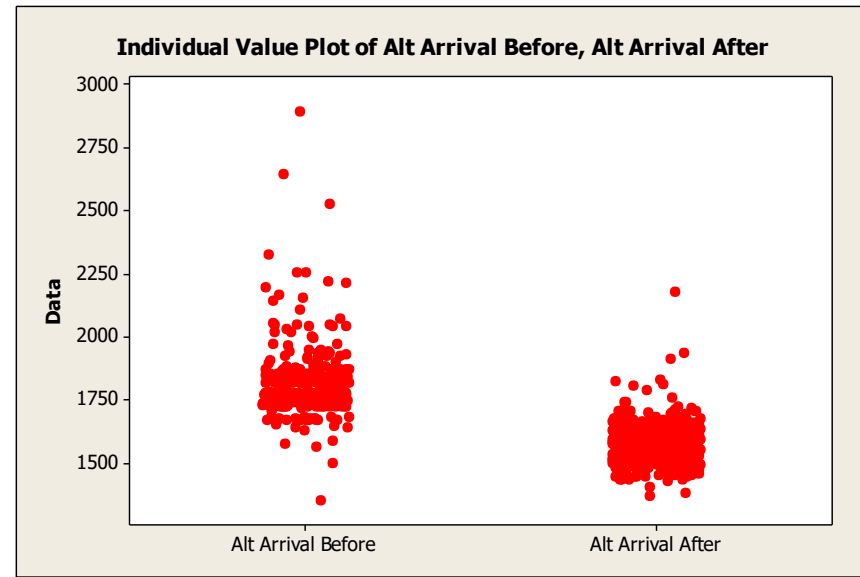
Conclusions of data analyses

1. Aircraft Arrivals and Departures at times are flown at significantly lower altitude since implementation of NextGen.
2. Surprise: FAA has safely departed aircraft much higher after NextGen as data from Dec 31, 2016 will illuminate.
3. There is no reason to believe that the FAA cannot instruct aircraft to fly at much higher altitudes.

Mann-Whitney Test and CI: Alt Arrival Before NextGen, Alt Arrival After Nexgen

	N	Median
Alt Arrival Before	376	1783.0
Alt Arrival After	478	1582.5

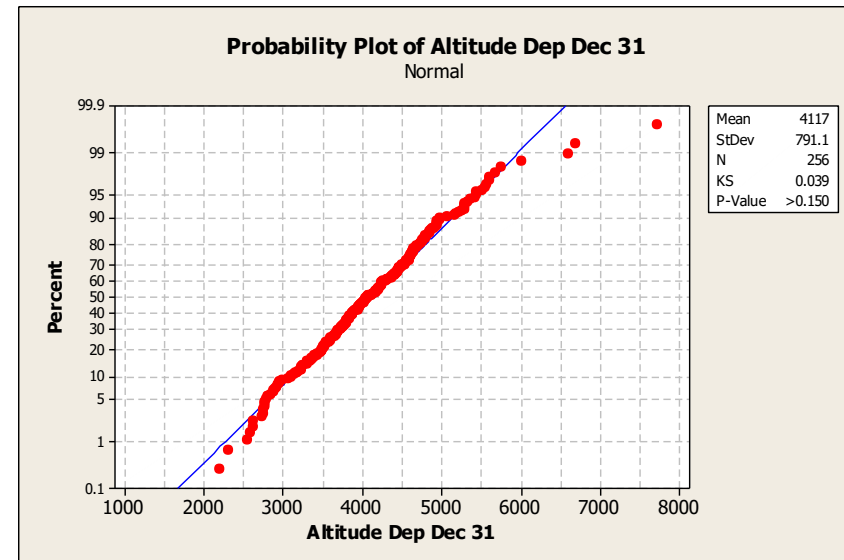
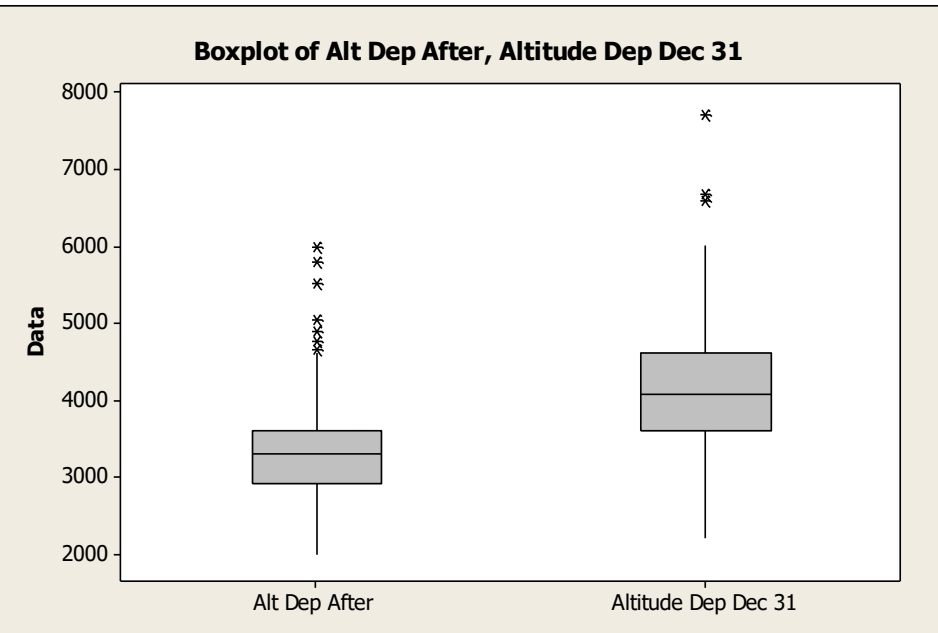
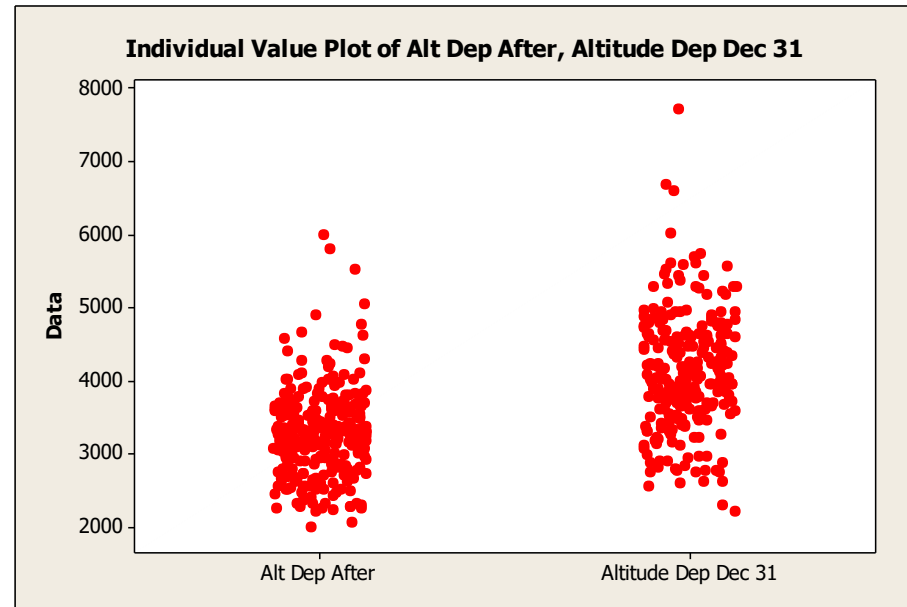
Point estimate for ETA1-ETA2 is 223.0
 95.0 Percent CI for ETA1-ETA2 is (211.0,233.0)
 W = 245678.0
 Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0000
 The test is significant at 0.0000 (adjusted for ties)



Mann-Whitney Test and CI: Alt Dep Nov 6, 2017, Altitude Dep Dec 31, 2016

	N	Median
Alt Dep Nov 6, 2017	287	3304.0
Altitude Dep Dec 31	256	4073.5

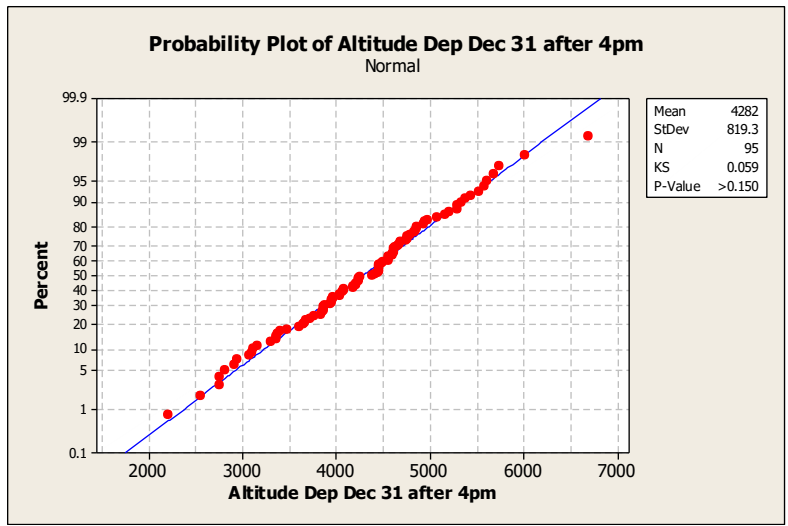
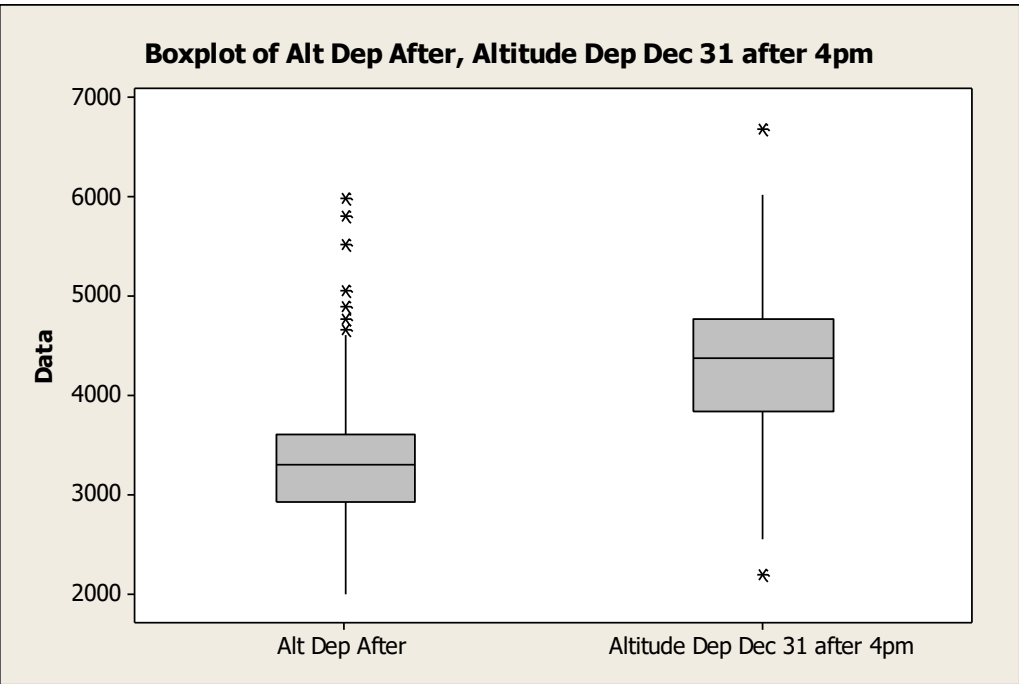
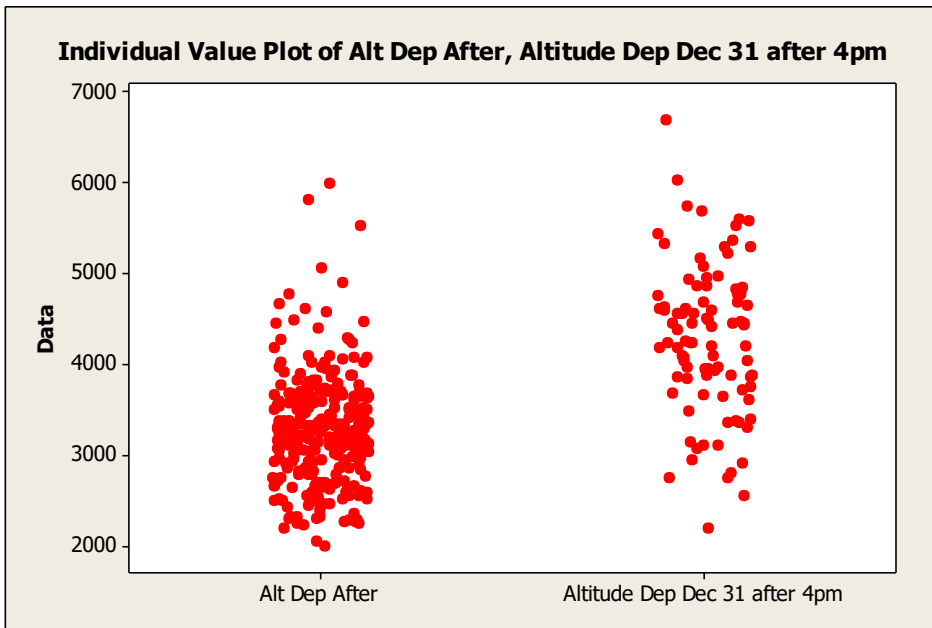
Point estimate for ETA1-ETA2 is -825.0
 95.0 Percent CI for ETA1-ETA2 is (-936.1,-706.0)
 W = 55327.0
 Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0000



Mann-Whitney Test and CI: Alt Dep Nov 6, 2017,
Altitude Dep Dec 31, 2016 after 4pm

	N
Median	
Alt Dep Nov 6, 2017	287
3304.0	
Altitude Dep Dec 31, 2016 after 4pm	95
4376.0	

Point estimate for ETA1-ETA2 is -1024.0
 95.0 Percent CI for ETA1-ETA2 is (-1179.9,-860.1)
 W = 45694.5
 Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant
 at 0.0000
 The test is significant at 0.0000 (adjusted for ties)





Airport Community Roundtable

Unfinished Business:

- Update on CLT research regarding N.O.I.S.E. membership
- Technical support for ACR
- Update on ACR Request/Recommendation 2017 – 01
- Update on ACR Request/Recommendation 2017 – 03
- Motion regarding adding Public Appearance to standing Agenda



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New Business:

- Handling of Participant Inquiry Submissions
- Adding complaint data to standing Agenda
- Process to officially submit Requests



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Thanks!

Next meeting:

January 17, 2018 at 6 pm

Location of next meeting:

CLT Center

5601 Wilkinson Blvd