

## **APPENDIX G**

### **Operations Verification**

## **APPENDIX G OPERATIONS VERIFICATION**

### **2008 Operations**

The 2007 operations for OSU were based on the operations predicted in the FAA TAF, along with the addition of nighttime operations to account for when the OSU ATCT was closed. The nighttime operations total was determined through the use of STARS data. The 2007 TAF predicted OSU would have 83,456 operations. The STARS data indicated an additional 3,730 operations occurred during the night hours when the OSU ATCT was closed. These two numbers were combined to produce a total operations count for 2007 of 87,186.

The operations for 2008 were determined using the same methodology that was used to determine the 2007 operations. The FAA TAF predicted that the number of operations for 2008 at OSU to be 85,209. Nighttime operations were calculated based on the percentage of nighttime operations in 2007 along with a forecast percentage of nighttime operations for the Study period, resulting in an additional 3,715 nighttime operations. These two numbers combined produced a total operations count of 88,924 for 2008. This represents a 1.9% increase over the 2007 operations.

### **2013 Operations**

The 2012 operations for OSU were based on the operations predicted in the FAA TAF, along with the anticipated development of additional hangars at the Airport and the associated increase in based aircraft. The FAA TAF predicts 92,639 operations for 2012. By 2012, it is anticipated the Airport will have an additional 50 hangars constructed and occupied translating into approximately 47 additional based aircraft. It is anticipated these additional based aircraft will generate an additional 26,811 operations. These operations combined with the FAA TAF prediction produced a total operations count of 119,450 in 2012.

The operations for 2013 were determined using the same methodology that was used to determine the 2012 operations. The FAA TAF predicted 94,603 operations for OSU in 2013. It is anticipated the proposed hangar development, and associated based aircraft, will generate an additional 27,237 operations at OSU in 2013. These operations combined with the FAA TAF prediction produced a total operations count of 121,840 in 2013. This represents a 1.9% increase over the 2012 operations.

# APO TERMINAL AREA FORECAST DETAIL REPORT

## Forecast Issued December 2007

OSU

## AIRCRAFT OPERATIONS

Enplanements                      Itinerant Operations                      Local Operations

Fiscal Year   AC   Comm.   Total AC   AT & Comm.   GA Mil   Total   GA   Mil   Total   Total OPS   Total Inst.OPS   Based Aircraft

REGION:AGL   STATE:OH   LOCID:OSU

CITY:COLUMBUS   AIRPORT:OHIO STATE UNIVERSITY

2007*	0	0	0	0	3404	53426	294	57124	26268	64	26332	83456	16772	218
2008*	0	0	0	0	3404	54762	294	58460	26685	64	26749	85209	17116	221
2009*	0	0	0	0	3404	56131	294	59829	27109	64	27173	87002	17468	224
2010*	0	0	0	0	3404	57534	294	61232	27543	64	27607	88839	17829	226
2011*	0	0	0	0	3404	58973	294	62671	27983	64	28047	90718	18199	232
2012*	0	0	0	0	3404	60447	294	64145	28430	64	28494	92639	18578	234
2013*	0	0	0	0	3404	61959	294	65657	28882	64	28946	94603	18967	238