

TABLE 1 - FLIGHT OPERATIONS

TIME PERIOD - 0700 TO 2200							
AIRCRAFT CATEGORY	AIRCRAFT TYPE	DAILY AVG. NUMBER OF MOVEMENTS	PERCENT R/W UTILIZATION				
			6R	6L	24L	24R	
CIVIL TAKEOFFS	TURBOFANS >2000 MI.	6.7	100	0	0	0	
MILITARY TAKEOFFS	JETS, FLT. GP. # 8	3.0	100	0	0	0	
	FOUR ENGINE PISTON	3.6	100	0	0	0	
	FOUR ENGINE TURBOPROP	3.2	100	0	0	0	
CIVIL LANDINGS	TURBOFANS	4.4	100	0	0	0	
MILITARY LANDINGS	ALL JETS	13.4	100	0	0	0	
	FOUR ENGINE PISTON & TURBOPROP	7.0	100	0	0	0	
TIME PERIOD - 2200 TO 0700							
CIVIL TAKEOFFS	TURBOFANS >2000 MI.	2.5	100	0	0	0	
MILITARY TAKEOFFS	JETS, FLT. GP. # 8	0	100	0	0	0	
	FOUR ENGINE PISTON	0	100	0	0	0	
	FOUR ENGINE TURBOPROP	0	100	0	0	0	
CIVIL LANDINGS	TURBOFANS	0	100	0	0	0	
MILITARY LANDINGS	ALL JETS	3.2	100	0	0	0	
	FOUR ENGINE PISTON & TURBOPROP	0	100	0	0	0	

TABLE 2 - RUNUP OPERATIONS

AIRCRAFT CATEGORY	AIRCRAFT TYPE	LOCATION <sup>1</sup>	DAILY AVG. NO. OF RUNUPS		AVG. DURATION OF RUNUPS (MINUTES)	
			0700 TO 2200	2200 TO 0700	0700 TO 2200	2200 TO 0700
MILITARY	RUNUP GP. 2	N-3 THRU N-28 <sup>2</sup>	0	0	30	30
	RUNUP GP. 2	SR 2 <sup>2</sup>	3.0	1	15	0
	RUNUP GP. 2	S-1 AND S-2 <sup>2</sup>	0	0	30	30
	RUNUP GP. 2	S-91 THRU S-97 <sup>2</sup>	0	0	45	45
	RUNUP GP. 2	JET ENGINE TEST CELL	0.4	0	10	0

1. IN ADDITION TO THE JET ENGINE TEST CELL THERE ARE MANY AREAS ON THIS STATION WHICH ARE USED FOR MAINTENANCE RUNUPS. THE FLIGHT LINE LOCATIONS LISTED HERE AVERAGE ONE-HALF HOUR OR MORE RUNUPS DURING AT LEAST ONE PERIOD.

2. BECAUSE OF THEIR CLOSE PROXIMITY TO EACH OTHER, THESE RUNUP LOCATIONS ARE COMBINED AND THEIR CENTER POSITION IS USED TO PLOT THE NOISE CONTOUR.

TABLE 3 - FLIGHT OPERATION CORRECTIONS

TIME PERIOD - 0700 TO 2200									
AIRCRAFT CATEGORY	OPERATION	AIRCRAFT TYPE	RUNWAY UTILIZATION CORRECTION				NUMBER OF MOVEMENTS CORRECTION	TIME OF DAY CORRECTION	
			6R	6L	24L	24R			
CIVIL	TAKEOFFS	TURBOFAN >2000 MI.	0	-15	-15	-15	-5	0	
	LANDINGS	TURBOFAN	0	-10	-15	-15	-5	0	
MILITARY	TAKEOFFS	JETS, FLT. GP. # 8	0	-10	-15	-15	-10	0	
		FOUR ENGINE PISTON	0	-15	-15	-15	-10	0	
		FOUR ENGINE TURBOPROP	0	-15	-15	-15	-10	0	
	LANDINGS	ALL JETS	0	-10	-10	-15	-10	0	
FOUR ENGINE PISTON & TURBOPROP		0	-5	-10	-10	-5	0		
TIME PERIOD - 2200 TO 0700									
CIVIL	TAKEOFFS	TURBOFANS >2000 MI.	0	-15	-15	-15	-5	+10	
	LANDINGS	TURBOFANS	0	-10	-10	-15	-5	+10	
MILITARY	TAKEOFFS	JETS, FLT. GP. # 8	0	-15	-15	-15	-5	+10	
		FOUR ENGINE PISTON	0	-15	-15	-15	-5	+10	
		FOUR ENGINE TURBOPROP	0	-15	-15	-15	-5	+10	
	LANDINGS	ALL JETS	0	-15	-10	-15	-10	+10	
FOUR ENGINE PISTON & TURBOPROP		0	-15	-10	-10	-5	+10		

TABLE 4 - RUNUP OPERATION CORRECTIONS

TIME PERIOD - 0700 TO 2200						
AIRCRAFT CATEGORY	AIRCRAFT TYPE	LOCATION	NUMBER OF RUNUPS CORRECTION	DURATION OF RUNUPS CORRECTION	TIME OF DAY CORRECTION	
MILITARY	RUNUP GP. 2	N-12 THRU N-18	0	+5	0	
	RUNUP GP. 2	SR 2	0	+5	0	
	RUNUP GP. 2	S-1 AND S-2	0	+5	0	
	RUNUP GP. 2	S-91 THRU S-97	0	+5	0	
	RUNUP GP. 2	JET ENGINE TEST CELL	0	+5	0	
TIME PERIOD - 2200 TO 0700						
MILITARY	RUNUP GP. 2	N-12 THRU N-18	0	+5	+10	
	RUNUP GP. 2	S-1 AND S-2	0	+5	+10	
	RUNUP GP. 2	S-91 THRU S-97	0	+5	+10	

TABLE 5 - NOISE CONTOURS & CORRECTIONS

AIRCRAFT CATEGORY	OPERATION	AIRCRAFT TYPE	CONTOUR SET	CORRECTION TO CONTOUR SET
CIVIL	TAKEOFFS	TURBOFANS >2000 MI.	1B	-5 PNdB
	LANDINGS	TURBOFANS	3B	0
MILITARY	TAKEOFFS	JETS, FLT. GP. # 8	2C	-5 PNdB
		FOUR ENGINE PISTON	4	0
		FOUR ENGINE TURBOPROP	4	-5 PNdB
	LANDINGS	ALL JETS	3B	0
		FOUR ENGINE PISTON & TURBOPROP	3A	0
	RUNUPS	RUNUP GP. # 2	8	0

ESTIMATES OF COMMUNITY RESPONSE

- ZONE 1 ESSENTIALLY NO COMPLAINTS WOULD BE EXPECTED.
- ZONE 2 INDIVIDUALS MAY COMPLAIN, PERHAPS VIGOROUSLY, CONCERTED GROUP ACTION IS POSSIBLE.
- ZONE 3 INDIVIDUAL REACTIONS WOULD LIKELY INCLUDE REPEATED, VIGOROUS COMPLAINTS. CONCERTED GROUP ACTION MIGHT BE EXPECTED.

COMMENTS

TABS F-3 AND F-4 HAVE BEEN PREPARED IN ACCORDANCE WITH AFM 86-5, "LAND USE PLANNING WITH RESPECT TO AIRCRAFT NOISE," 1 OCTOBER 1964. CONTOURS ARE BASED ON AIRCRAFT OPERATIONS FOR THE PERIOD 1 OCTOBER 1970 THROUGH 30 SEPTEMBER 1971. AIRCRAFT MOVEMENT DATA WAS COMPILED BY COUNTING CONTROL TOWER ARRIVAL AND DEPARTURE RECORDS (AF FORMS 1360 & 1361'S). ENGINE RUNUP INFORMATION WAS OBTAINED FROM THE FIELD MAINTENANCE SQD. AND REPRESENTS ESTIMATED RUNUP DATA AS NO FORMAL RECORDS WERE AVAILABLE.

REV	DATE	DESCRIPTION	INITIAL
1	1 JAN 70	ANNUAL REVISION	<i>DAO</i>
2	1 JAN 71	ANNUAL REVISION	<i>DAO</i>
3	1 JAN 72	ANNUAL REVISION	<i>DAO</i>
4	1 Jan 73	ANNUAL REVISION	<i>DAO</i>
5	1 JAN 74	UPDATED TO 1 JAN 74	<i>DAO</i>

DEPARTMENT OF THE AIR FORCE  
DIRECTORATE OF CIVIL ENGINEERING DCS/P&R-WASHINGTON D.C.

STRATEGIC AIR COMMAND  
MASTER PLAN  
NOISE CONTOUR INFORMATION

ANDERSEN AIR FORCE BASE  
GUAM, MARIANAS ISLANDS

SCALE N/A DATE 15 SEP 68  
MASTER PLANNING DIRECTIVE  
URBAHN-WALL JOINT VENTURE  
NEW YORK N.Y. WASHINGTON D.C.

TAB NO. F-3  
SHEET 1 OF 2