SURVEILLANCE CHECKLIST

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A. EMERGENCIES

EMERGENCY CODES AND SIGNALS

1. **Mode 3, Code 7700**
   - Hydraulic
   - Electrical
   - Fuel or Oil
   - Oxygen
   - Engine

2. **Mode 3, Code 7600** – loss of radio communication (NORDO)

3. **Mode 3, Code 7500** – hijacked

4. **Guard Frequency**
   VHF – 121.5 MHz
   UHF – 243.0 MHz

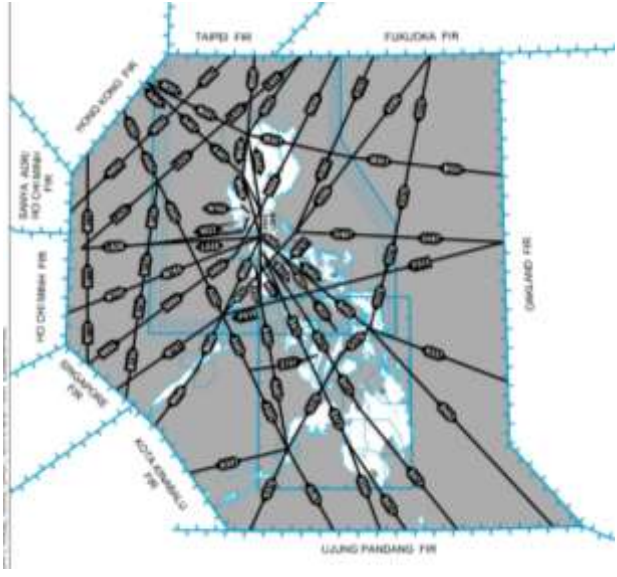
5. **Audio Signals / Message**
   MAYDAY MAYDAY / PAN PAN PAN
   Relay from another aircraft Emergency Locator Transmitter (ELT)

B. TOWER FREQUENCIES

TOWER	FREQUENCY	CONTACT NO.
CLARK	118.7	09081726422
LAOAG	122.3	09778103899
SUBIC	118.2	09472529377
BASA	128.2	09959248794
WAS	122.1	09338182593
MANILA (NAIA)	118.1	79442173/79442167
FERNANDO (LIPA)	133.0	09366025862

GUARD FREQUENCIES	
VHF	**121.50**
UHF	**243.00**

C. RADIO NAVIGATIONAL ROUTES SYSTEM IN MANILA FIR



D. TRACK CLASSIFICATION AND PRIORITY

TRACK CLASSIFICATION

1. HOSTILE – tracks designated by ADC or higher authority IAW established ROE

2. PENDING – tracks detected but not yet identified

3. UNKNOWN – tracks that cannot be identified after 2 mins

4. SPECIAL – tracks that falls in the following category

a. Emergency Aircraft
b. VIP Aircraft
c. Search and Rescue
d. Hijacked Aircraft

5. FRIENDLY – tracks identified by means of:

a. Flight plan correlation
b. IFF/SIF
c. Prior arrangement
d. visual observation
e. Authentication
f. tracks originating over land within the Philippine Territory

TRACKS PRIORITY

	Tracks Classification	Remarks
Priority 1	Hostile tracks	Update every 2 mins
Priority 2	Unknown and pending	Update every 2 mins
Priority 3	Emergency	Update every 2 mins
Priority 4	Air Defense Fighters	Update every 2 mins
Priority 5	Special Tracks	Update every 2 mins
Priority 6	PAF A/C on training MSN	Update every 5 mins
Priority 7	Friendly Tracks	Update every 5 mins

E. AIRCRAFT, ARMAMENTS AND RECORDED HEXCODES

ACFT	MAX SPEED	RANGE	SERVICE CEILING	RATE OF CLIMB	ENDURANCE	G-LIMITS	ARMAMENTS
FA50	1.5 Mach	999 Miles	48,000 ft	39,000 ft/min	1hr 30min	-2.66666667	AIM-9 AIM-120 AGM-65 MK22 MK83
S211	0.8 Mach	901 Miles	40,000 ft	4,200 ft/min	3hrs 50mins	+5 / -2.5	Gun pods Unguided Bombs
F16	2.05 Mach	295 Miles	60,000 ft	72,000 ft/min	1hr 30mins	9	M61A1 Rockets: LAU61/68 Missiles: AIM9 AIM120 AGM65 Bombs: MARK83/82
F18	1.8 Mach	1089 Miles	50,000 ft	50,000ft/min		-2.5	AIM-9 ASRAAM AIM-7 Sparrow AGM-65 AGM-84H AGM-88 HARM AGM-154 AGM-158 JDAM Mark80
P3	0.616 mach	1345 NM	28300ft	1950ft/min	17 hrs 12 mins		AGM-65 Mark101 solo buoys
P8	490knts 564 mi/hr	1200+NM	4100ft	41,000 ft/min	4 hrs		AGM-84 Mark 54

UAV AIRCRAFT	MAX SPEED	RANGE	SERVICE CEILING	RATE OF CLIMB	ENDURANCE	ARMAMENT
Hermes 900	220 km/h (140 mph, 120 kn)	1850km	9,100 m (30,000 ft)		36 hours	
Hermes 450	176 km/h (109 mph, 95 kn)	300km	5,500 m (18,000 ft)	4.6 m/s (900 ft/min)	17 hours (450LE - 30 hours)	
ScanEagle	80 kn (92 mph, 148 km/h)	1500km	19,500 ft (5,950 m)		24+ hours	

UCAV	MAX SPEED	RANGE	SERVICE CEILING	RATE OF CLIMB	ENDURANCE	ARMAMENT
CH-5 Rainbow	170 km/h	10000 km	30000 ft		60 hrs	
General Atomics mq-1c Gray Eagle	309 km/h		29000 ft		25	AGM Hellfire M92 stinger
Tai Anka-S	217 km/h (135 mph, 117 kn)	1,448 km (900 mi, 782 nmi)	9,144 m (30,000 ft)		30 hours with 350 kg (772 lb)+ payload	MAM (Smart Micro Munition) Rocketsan Cirit Tubitak-Sage Bozok Laser Guided Rockets
Dassault Neuron	980 km/h (609 mph, 529 kn)		14,000 m (45,900 ft)			2 × 230 kg 500 lb) guided bombs
MQ9 Reaper	300 mph (482 km/h, 260 kn)	1,200 mi (1,900 km ,	50,000 ft (15,420 m)		14 hours fully loaded	AGM-114 Hellfire GBU-12 Paveway II GBU-38 JDAM
Boeing X45	496 kn (919 km/h)	2,400 km	40,000 ft			JDAM Small Diameter Bomb

ARMAMENTS	OPERATIONAL RANGE	MAX SPEED	DESCRIPTION
AIM 9 · Proximity Detonation 9m · Short range air-to-air IR tracking			
AIM 9 A/B	1 Mile – 2.61 Miles	1.4 Mach	· Prototype of AIMs · Fired at the back of enemy
AIM 9L	0.37 Mile – 13.92 Miles	3.24 Mach	· Resistance to countermeasures · Increased maneuverability
AIM 9P	0.37 Mile – 13.17Miles	2.88 Mach	· Very maneuverability and greater · Cheaper version than AI9M
AIM 9M	0.37 Mile -13.92 Miles	3.40 Mach	· More resistant to countermeasures · Identify target at low altitude · Identify targets against IR clutter
AIM 9X	0.19 Mile – 24.86 Miles	4.29 Mach	· Newest sidewinder · Decrease drags · Increased speed ang range · Lock after launch capability
Gun Pods · Detachable Pod or pack containing machine gun, autocannons, revolver cannon, or rotary cannons, mounted externally			
M61A1 Vulcan (US)	Cal – 20mm	Rate of fire: 6000 rpm	Effective range – 609.6 m Hydraulically, electronically or pneumatically drive, 6-barrel, air-cooled
Mauser BK-27 (Europe)	Cal – 27mm	Rate of Fire: 1000-1700 rpm	Effective Range - 2500 m to 4000 Gas-operated cannon
Gryazev-Shipunov GSh-30-1 (Russia/China)	Cal – 30mm	Rate of Fire: 1500-1800 rpm	Effective range – 200 to 1800 m Single – barreled, recoil operated autocannon

ARMAMENTS	OPERATIONAL RANGE	MAX SPEED	DESCRIPTION
Targeting pods · Tools used by ground-attack aircraft in identifying targets and guiding precision guided missiles (PGMs)			
LITENING AN/AAQ28	Sensors: -Infrared detectors -CCD-TC Cameras -Eye safe laser range finder -Laser designator		Advanced precision targeting pod system operational with a wide variety of aircraft Increases the combat effectiveness during day, night and under-the-weather conditions
LANTIRN (Low Altitude Navigation and Targeting Infrared for Night)	Sensors: -Infrared and terrain following radar on the navigation pod -Infrared and laser designation and ranging sensors on the targeting pod		Combined navigation and targeting pod Increases combat effectiveness of aircraft allowing to fly at low altitude
OEPS-27 EOTS/ IRST (Electro-optical targeting system)/(Infrared search and track)	Sensors: -Main IR sensor (100km) -TV/IR identification sensor with laser ranger finder (40km)		System employed to track and locate targets in aerial warfare Method of detecting and tracking objects which give off infrared radiation
AMRAAMs · Active Radar Target Detection Device (TDD) · Quadrant Target Detection Device (QTDD) · Advance Active- homing radar guided missile			
AIM 120A	0.62 Mile – 34.18 Miles	5.43 Mach	Capable all-weather day and night
AIM 120D	0.5 Mile – 65.24 Miles	5.99 Mach	Two-way data link GPS assisted
Meteor	36.83 Miles – 62.14 Miles	4.0+ Mach	Beyond Visual Range Air-to-air Missile
Anti-Radiation Missiles (ARMs) · Missile designed to detect and home in on an enemy radio emission source			
Air-to-Surface AGM 88 HARM (High-speed Anti-Radiation Missile)	92 Miles	1.84 Mach	Air-to-surface anti-radiation missile designed to home in on electronic transmissions coming from surface-to-air
Surface-to-surface AM39 Exocet	120 Miles	0.93 Mach	Anti-ship Missile
Surface-to-air S-75 Dvina (Russian)	28 Miles	3.5 Mach	Strategic SAM system High-altitude air defense system
Air-to-air AIM7 Sparrow	14-53 Miles (depending on variant)	AIM 7 A/B -2.5 Mach AIM 7 C/E/F -4 Mach	Medium-range, semi-active radar homing air-to-air missile
S-400 Triumf (Russian) NATO: SA21 Growler	24.89 Miles – 248.55 Miles (aerodynamic target) 3.11 Miles – 37.28 Miles (Ballistic targets) Altitude limits: 18.64 Miles – 114.95 Miles	14 Mach	Target Detection : 372.82 Miles Anti-aircraft weapons system Surface-to-air Missile/ anti-ballistic missile system

RECORDED HEXCODES AS OF 30 SEPTEMBER 2021

US MILITARY AIRCRAFT	
HEXCODE	**AIRCRAFT**
AE023E	BOEING KC-135R STRATOTANKER
AE038E	BOEING KC-135R STRATOTANKER
AE0481	BOEING KC-135R STRATOTANKER
AE07BB	BOEING KC-135R STRATOTANKER
AE0488	BOEING KC-135R STRATOTANKER
AE0241	BOEING KC-135R STRATOTANKER
AE0691	BOEING KC-135R STRATOTANKER
AE0162	BOEING KC-135R STRATOTANKER
AE0150	BOEING KC-135R STRATOTANKER
AE0694	BOEING KC-135R STRATOTANKER
AE079F	BOEING KC-135R STRATOTANKER
AE0422	BOEING KC-135R STRATOTANKER
AE066C	BOEING KC-135R STRATOTANKER
AE0693	BOEING KC-135R STRATOTANKER
AE0686	BOEING KC-135R STRATOTANKER
AE04FD	BOEING KC-135R STRATOTANKER
AE049B	BOEING KC-135R STRATOTANKER
AE04CF	BOEING KC-135R STRATOTANKER
AE0691	BOEING KC-135T STRATOTANKER
AE04FD	BOEING KC-135T STRATOTANKER
AE0483	BOEING KC-135T STRATOTANKER
AE01CE	BOEING RC 135W RIVET JOINT
AE01CC	BOEING RC 135W RIVET JOINT
AE01D7	BOEING RC-135S COBRA BALL
AE1492	BOEING-8C J-STARS
AE1494	BOEING-8C J-STARS
AE1497	BOEING-8C J-STARS
AE61BC	USAF RQ-4B GLOBAL HAWK
AE61BB	USAF RQ-4B GLOBAL HAWK
AE5C76	NORTHROP GRUMMAN MQ-4C TRITON
AE5961	LOCKHEED C130J-30 HERCULES
29CBBF	RCAF LOCKHEED CC-130H-30 HERCULES

AE1525	LOCKHEED KC-130J SUPER HERCULES
AE5DFD	LOCKHEED MC-130J HERCULES
AE29CF	LOCKHEED MC-A30J HERCULES
AE6B98	USN BELL BOEING V-22 OSPREY
AE6B99	USN BELL BOEING V-22 OSPREY
AE5728	BOEING CV-22B OSPREY
AE6B9A	USN BELL BOEING V-22 OSPREY
896C30	BOEING C-17A GLOBEMASTER III
43C1C6	BOEING C-17A GLOBEMASTER III
AE1449	BOEING C-17A GLOBEMASTER III
7CF86A	BOEING C-17A GLOBEMASTER III
AE2FA7	BOEING C-17A GLOBEMASTER III
AE1451	BOEING C-17A GLOBEMASTER III
AE1452	BOEING C-17A GLOBEMASTER III
AE1471	BOEING C-17A GLOBEMASTER III
AE1450	BOEING C-17A GLOBEMASTER III
AE1453	BOEING C-17A GLOBEMASTER III
AE0579	USAF LOCKHEED C-5M GALAXY
AE057D	USAF LOCKHEED C-5M GALAXY
A6889F	USN BOEING P-8A POSEIDON
AE6869	USN BOEING P-8A POSEIDON
AE67EA	USN BOEING P-8A POSEIDON
AE67F2	USN BOEING P-8A POSEIDON
AE6887	USN BOEING P-8A POSEIDON
AE67C2	USN BOEING P-8A POSEIDON
AE67B8	USN BOEING P-8A POSEIDON
AE67DD	USN BOEING P-8A POSEIDON
7CF9D5	RAAF BOEING P-8A POSEIDON
AE6817	RAAF BOEING P-8A POSEIDON
AE67A2	USN BOEING P-8A POSEIDON
AE1D91	USN LOCKHEED EP-3E ARIES2 ORION
AE1D95	USN LOCKHEED EP-3E ARIES2 ORION
899003	TWAF LOCKHEED P-3C ORION
AE11DA	BOEING E-3B SENTRY
87C002	BOEING 777-300
87C003	BOEING 777-300

71BC65	BOEING 747-4B5
7CF85C	BOEING 737-700
899097	BOEING 787-10 DREAMLINER
AE04DA	USAF BOEING C-40A
899161	ASTR/COMMERCIAL
AF351F	LOCKHEED F-35A LIGHTNING II
00045B	TWAF IDF

PEOPLE'S LIBERATION ARMY AIR FORCE	
HEXCODE	**AIRCRAFT**
7A426B	Y-20
7A425D	Y-20
7A426D	Y-20
7A4253	Y-20
7A4254	Y-20
7A4286	Y-20
7A425B	Y-20
7A4254	Y-20
AE4283	Y-20
AE428E	Y-20
7A428F	Y-20
7A4287	Y-20
7A4247	Y-20
7A4332	Y-9
7A4262	Y-8 EW
7A431D	Y-8 ASW
7BO78C	Y-8 RECCE
7A431B	Y-8 ASW
7A432E	Y-8 ASW
7A432D	Y-8 ASW
7A431A	Y-8 ASW
79AFE2	Y-8
79A412	Y-8 ASW
791DD0	Y-8 RECCE
7912A6	Y-7
7A429C	KJ-500

7A429B	KJ-500/KJ-200
7A429B	KJ-500
7A429A	KJ-500
7A42A0	KJ-500
7A42A2	KJ-500
7A4230	KJ-500
7A429D	KJ-500
7A42A1	KJ-500
7A4222	KJ-500
7BC242	UAV
654321	UAV
7BE024	J-16
7BD036	J-16
7BE04F	J-16
7BD032	J-16
7A4221	IL-76MD
79C1AC	IL-76MD
7BBA29	IL-76MD
7BD031	H-6
780923	AIRBUS HELICOPTER H225
780D3D	AIRBUS HELICOPTER H225

JAPAN AIR SELF-DEFENCE FORCE	
HEXCODE	**AIRCRAFT**
53977	F-15
#000038	F-15
2DCBBA	F-15
29CBB8	F-15

F. MILITARY AIRFIELDS

Name	ICAO	IATA	Actual Location	Classification	Coordinates
Basilio Fernando Air Base	RPUL		Lipa, Batangas	Military	**13°57′17″N 121°07′29″E**
Camp Mateo Capinpin Airfield	RPLM		Tanay, Rizal	Military	**14°32′05″N 121°21′49″E**
Cesar Basa Air Base	RPUF		Floridablanca, Pampanga	Military	**14°59′11″N 120°29′33″E**
Kindley Landing Field (Corregidor)	RPLX		Cavite City, Cavite	Military	**14°23′29″N 120°36′26″E**
Danilo Atienza Air Base (formerly U.S. Naval Station Sangley Point)	RPLS	SGL	Cavite City, Cavite	Military	**14°29′29″N 120°53′38″E**
Ernesto Rabina Air Base (formerly Crow Valley Gunnery Range)	RPLQ		Capas, Tarlac	Military	**15°19′03″N 120°25′22″E**
Fort Magsaysay Airfield	RPLV		Santa Rosa, Nueva Ecija	Military	**15°26′02″N 121°05′24″E**
Jose Paredes Air Station Airstrip			Pasuquin and Burgos, Ilocos Norte	Military	**18°24′11″N 120°40′00″E**
Lumbia Air Base	RPML		Cagayan de Oro	Military	**08°24′56″N 124°36′40″E**
Wallace Drone Launch Facility within Poro Point (Wallace) Air Station	RPLW		San Fernando, La Union	Military	**16°37′05″N 120°17′00″E**
Rajah Buayan Air Base	RPMB		General Santos	Military	**06°06′20″N 125°14′06″E**
Rancudo Airfield	RPPN		Kalayaan, Palawan	Military	**11°03′05″N 114°17′01″E**
San Vicente Naval Airfield within Naval Base Camilo Osias			Santa Ana, Cagayan	Military	**18°30′13″N 122°08′56″E**
Sibutu Airfield			Sibutu, Tawi-Tawi	Military	**04°50′35″N 119°27′38″E**

Name	ICAO	IATA	Actual Location	Classification	Coordinates
Tarumpitao Point Airfield	RPTP		Rizal, Palawan	Military	**09°02′37″N 117°37′59″E**
Antonio Bautista Air Base and Puerto Princesa International Airport	RPVP	PPS	Puerto Princesa	Mixed military-civilian use	**09°44′31″N 118°45′31″E**
Mactan-Benito Ebuen Air Base and Mactan–Cebu International Airport	RPVM	CEB	Lapu-Lapu	Mixed military-civilian use	**10°18′48″N 123°58′58″E**
Clark Air Base and Clark International Airport	RPLC	CRK	Clark Freeport Zone	Mixed military-civilian use	**15°11′09″N 120°33′35″E**
Edwin Andrews Air Base and Zamboanga International Airport	RPMZ	ZAM	Zamboanga City	Mixed military-civilian use	**06°55′20″N 122°03′34″E**
Jesus Villamor Air Base (formerly Nichols Field) and Ninoy Aquino International Airport	RPLL	MNL	Parañaque/Pasay	Mixed military-civilian use	**14°30′31″N 121°01′10″E**
U.S. Naval Air Station Cubi Point (now Subic Bay International Airport)	RPLB	SFS	Morong, Bataan	Former military use	**14°47′40″N 120°16′16″E**

G. DUTIES AND RESPONSIBILITIES

AWC TECHNICIAN			
TASK DESCRIPTION	YES	NO	REMARKS
1. IDENTIFIES, MAINTAINS SURVEILLANCE, OR ASSISTS IN CONTROLLING AEROSPACE OBJECTS.			
1.1 OPERATES AIRCRAFT AND MISSILE SURVEILLANCE AND WARNING SYSTEMS EQUIPMENT, SATELLITE TRACKING, SPACE CONTROL SYSTEMS EQUIPMENT, AND SIMULATION EQUIPMENT.			
1.2 INTERPRETS AND REACTS TO RADARSCOPE PRESENTATIONS AND TO COMPUTER-GENERATED CONSOLE DISPLAYS			
1.3COMPARES TRACK POSITIONS WITH FLIGHT DATA OR DATA BASE FILES.			
1.4 ASSISTS IN WEAPONS CONTROL AND SURVEILLANCE FUNCTIONS IN ALL AEROSPACE SYSTEMS.			
2. GATHERS, DISPLAYS, RECORDS, AND DISSEMINATES OPERATIONAL INFORMATION			
2.1 GATHERS INFORMATION AND RELAYS INFORMATION TO ASSOCIATED USING AGENCIES.			
2.2 DISPLAYS AND RECORDS INTERNAL AND EXTERNAL SOURCE RADAR SEQUENCE REPORTS INDICATING PRESENCE, DIRECTION, ALTITUDE, AND IDENTITY OF AIR AND SPACE CRAFT.			
2.3 TRANSCRIBES INFORMATION ON STATUS AND WEATHER BOARDS			
2.4 PLOTS AND READS ASSOCIATED GEOGRAPHICAL, GRID AND CELESTIAL COORDINATES.			
2.5 REPORTS UNUSUAL WEATHER, EMERGENCY SIGNALS, AND ELECTRONIC COUNTERMEASURES OBSERVATIONS.			
2.6 MAINTAINS LOGS, FORMS, AND DATA BASE FILES			
2.7 EVALUATES RADAR DETECTION AND PERFORMANCE			
3. SUPERVISES AEROSPACE CONTROL & WARNING SYSTEMS PERSONNEL			
3.1 INSTRUCTS OPERATORS IN SYSTEM EQUIPMENT OPERATIONS, RADARSCOPE PRESENTATION, COMPUTER CONSOLE DISPLAY INTERPRETATION, ENVIRONMENTAL ORGANIZATION AND OPERATIONS, AND OPERATIONAL REPORTING TECHNIQUES			

3.2 ASSIGNS OPERATORS TO POSITIONS AND SCHEDULES POSITIONAL ROTATION. MONITORS OPERATORS WORK OUTPUT FOR QUALITY, THOROUGHNESS, AND ACCURACY.			
4. CONDUCTS BRIEFING TO THE NEWLY ASSIGNED PERSONNEL ABOUT THE MISSION AND FUNCTIONS OF THE UNIT			
5. MAINTAINS AND LOGS FORMS APPLICABLE TO THE SURVEILLANCE MISSION			
6. CONDUCT TOUR OF FACILITIES			

ACW ASSISTANT TECHNICIAN			
TASK DESCRIPTION	YES	NO	REMARKS
1. PERFORMS TECHNICAL AEROSPACE SURVEILLANCE AND CONTROL FUNCTIONS			
1.1 INTERPRETS COMPUTER-GENERATED DISPLAYS OR RADARSCOPE PRESENTATIONS TO PROVIDE ACTIVE AEROSPACE OBJECT DETECTION AND TRACKING			
1.2 INTERPRETS AND EVALUATES COMPUTER PRINTOUT DATA AND RELAYS PERTINENT INFORMATION TO DETERMINE APPROPRIATE COURSES OF ACTION			
1.3 IDENTIFIES AND RESOLVES OPERATIONAL SYSTEM PROBLEMS			
1.4 USES IDENTIFICATION PROCEDURES AND TECHNIQUES			
1.5 USES WEAPONS CONTROL PROCEDURES AND TECHNIQUES.			
1.6 OBTAINS AND RECORDS THE STATUS OF EQUIPMENT, WEAPONS, AIRBASES, LAUNCH SITES, AND RADIO FREQUENCIES AND CHANNELS USED FOR OPERATIONS.			
1.7 MAINTAINS LOGS, FORMS, AND DATA BASE FILES			
1.8 PREPARES REPORTS.			
2. OPERATES AEROSPACE SURVEILLANCE AND CONTROL EQUIPMENT			
2.1 OPERATES AEROSPACE DETECTION, TRACKING, INPUT, AND CONTROL EQUIPMENT.			
2.2 MAKES EQUIPMENT OPERATIONS CHECKS AND ADVISES MAINTENANCE ACTIVITIES OF MALFUNCTIONS			
2.3 GATHERS, EVALUATES, AND RELAYS INFORMATION ON SYSTEM STATUS, UNUSUAL EVENTS, AND OPERATING CAPABILITIES.			
3. SUPERVISES AEROSPACE CONTROL & WARNING SYSTEMS PERSONNEL			
3.1 PLANS, SCHEDULES, AND ASSIGNS DUTIES.			
3.2 ENSURES AVAILABILITY OF SPACE, TIME, EQUIPMENT, AND SUPPLIES TO SUPPORT ACTIVITIES.			
3.3 ESTABLISHES WORK METHODS AND PERFORMANCE STANDARDS.			
3.4 MONITORS AND EVALUATES COMPLETED WORK FOR COMPLIANCE WITH DIRECTIVES, POLICIES, AND WORK STANDARDS.			
3.5 ESTABLISHES AND CONDUCTS ON-THE-JOB TRAINING PROGRAMS.			

3.6 ORIENTS NEWLY ASSIGNED PERSONNEL AND ASSIGNS INDIVIDUALS TO ORGANIZATIONAL AND OPERATIONAL POSITIONS.			
3.7 CONDUCTS PERIODIC INSPECTIONS OF AEROSPACE CONTROL AND WARNING SYSTEM CENTERS.			
4. CONDUCTS BRIEFING TO THE NEWLY ASSIGNED PERSONNEL ABOUT THE MISSION AND FUNCTIONS OF THE UNIT			
5. MAINTAINS AND LOGS FORMS APPLICABLE TO THE SURVEILLANCE MISSION			
6. CONDUCT TOUR OF FACILITIES			

ACW HELPER			
TASK DESCRIPTION	YES	NO	REMARKS
1. ENSURE THAT ALL INFORMATION HAS BEEN RECEIVED FROM THE OUTGOING DUTY.			
2. SET UP THE MONITOR ACCORDINGLY.			
3. ENSURE THAT THE RADIO/S ARE FUNCTIONING AND ALERTED THE CONCERN PERSONNEL FOR ANY DISCREPANCY.			
4. CALLED THE ATTENTION OF SENIOR NCO ON DUTY FOR ANY UNUSUAL THINGS CAUGHT FROM THE RADAR DISPLAY/FEED FOR PROPER ACTION.			
5. PROPERLY RECORDS ALL THE PERTINENT DOCUMENTS DURING THE TOUR OF DUTY.			
6. COORDINATE WITH 505SRG PRIOR TO THE CONDUCT OF EVERY TRAINING FLIGHT FOR STANDBY ALERT IN CASE OF EMERGENCY RESCUE.			
7. UPDATE WEATHER DETAILS ACCORDINGLY.			
8. MONITOR THE STATUS OF AIR ASSETS.			
9. COORDINATE ALL THE NECESSARY INFORMATION TO THE CONCERNED PERSONNEL/UNITS.			
10. ATTEND AWC NEEDS.			

H. ICT CHECKLIST

UNKNOWN TRACKS

ACTIVITY	YES	NO	REMARKS
1. CORRELATE WITH PADCC FOR DATA			
2. IF NEGATIVE DATA, COORDINATE WITH DUTY AWC FOR CHALLENGE			
3. CONDUCT FLIGHT FOLLOW IN TWO MINUTES INTERVAL			
4. REQUEST THE APPROVAL OF DUTY AWC BEFORE DISSEMINATING TEXT MESSAGES REGARDING THE UNKNOWN TRACK			
5. INFORM CONCERNED OFFICES/PERSONNEL THROUGH FASTEST MEANS OF COMMUNICATION (CALL/TEXT MESSAGE): GOC, ADO, EX-O 5821st ACWS, SQUADRON COMMANDER 5821st ACWS, PADCC OPERATIONS, PADCC C2, AND DI.			
6. CALL GC, DGC, AND GDO WHEN IMMINENT SCENARIO ARISES.			
7. SUBMIT FLIGHT SUMMARY, FLIGHT FOLLOW, AND OVERLAY OF THE UNKNOWN TRACK.			

MASS/MULTIPLE TRACKS

ACTIVITY	YES	NO	REMARKS
1. CORRELATE WITH PADCC FOR DATA			
2. IF NEGATIVE DATA, COORDINATE WITH DUTY AWC FOR CHALLENGE			
3. RECALL ALL SURVEILLANCE PERSONNEL			
4. CALL GC, DGC, AND GDO			
5. ASSIGN SURVEILLANCE PERSONNEL TO MONITOR EACH TRACK			
6. COORDINATE WITH AWCS IN MONITORING EACH TRACK WHILE CONDUCTING FLIGHT FOLLOW IN TWO MINUTES INTERVAL			
7. ASSIGN ONE (1) SURVEILLANCE PERSONNEL TO UPDATE THE STATUS OF EACH TRACK IN THE MASS/MULTIPLE TRACK BOARD			
8. COORDINATE WITH AWCS IN MONITORING EACH TRACK WHILE CONDUCTING FLIGHT FOLLOW IN TWO MINUTES INTERVAL			
7. SUBMIT FLIGHT SUMMARY, FLIGHT FOLLOW, AND OVERLAY OF THE MASS/MULTIPLE TRACKS			