

By Authority of Commanding Officer
Pinecastle Army Air Field
Orlando, Florida

Blair H6 JAR
Date Initials

36

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287.56-13
1 Jul 1945
30 June 1946

HISTORY

P.R.C.

621st AAF BASE UNIT (PAAF)
PINECASTLE ARMY AIR FIELD
ORLANDO, FLORIDA

-*-

00176583

1 July 1945 to 30 June 1946

SOURCE: *USA7HRA*

RG: *Unit History*

SERIES:

BOX: *287.56-13* *287.57-1*
Jan 45 *Apr 42 - Mar 45*

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RECORDED
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HEADQUARTERS
PINECASTLE ARMY AIR FIELD
ORLANDO, FLORIDA

HISTORICAL DATA

1 July 1945 - 30 June 1946

P.R.C.

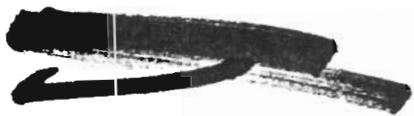


f/James A. Russell
JAMES A. RUSSELL
Captain, Air Corps
Historical Officer

Prepared by
Intelligence Branch
621st AAF Base Unit (PAAF)
Orlando, Florida

287.56

(Prepared in accordance with
AR 345-105, AAF Regulation 2C-8)



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HEADQUARTERS
621ST AAF BASE UNIT (PAAF)
ORLANDO, FLORIDA

17 July 1945

ANNEX #1 to
DEMONSTRATION)
NUMBER 3-13)

Air Force Demonstration Annex.

1. a. AFCTR will demonstrate the three phases of operations of a Tactical Air Force in the following order:
 - (1) First Phase - Attack against a simulated enemy airstrip and aircraft on the ground.
 - (2) Second Phase - Attack against lines of supply and signal communications.
 - (3) Third Phase - Attack against ground objectives around the simulated enemy airstrip.
- b. Route Out:
 - (1) PINECASTLE Army Air Field Aircraft: PINECASTLE - LAKE TIBET - BUTLER - IP - TARGET.
- c. Route Back: Direct.
- d. IP: Peninsula in LAKE CONWAY.
- e. Axis of Attack: 90° T
- f. Assembly Point - LAKE TIBET-BUTLER (Lat $28^{\circ} 27'$ N. Long. $81^{\circ} 31'$ W.)
Alternate Assembly Point - KISSIMMEE ARMY AIR FIELD.
- g. Safety Precautions:
 - (1) Range Control Panel: One (1) mile west of range at intersection of Florida Roads #29 and #417.
 - (a) Range Closed: Red panel and/or red smoke flare.
 - (b) Range Open: White panel.
 - (2) All airplanes will approach range over the range control panel.
 - (3) Observation posts for unprotected personnel are marked by large red crosses on a white background.

Appendix A-3

h. Change of times for Initial Point as designated in paragraph 2 below may be ordered to airborne units by "Lily" control using VHF Control Unit at the demonstration ranges.

2. The 621st AAF Base Unit (PAAF) will execute the three following phases of this demonstration.

a. First Phase - Coordinated attack against a simulated enemy airstrip and aircraft on the ground.

(1) Two (2) P-51 aircraft with chemical spray fans will attack the student convoy while it is enroute to Pinecastle viewing stands. Attack to be made after convoy turns off highway and is on range road to jeep track.

Chemical Load: Water in four (4) M10 tanks.

Altitude of Attack: Minimum.

Time over Assembly Point: 1040

Altitude of AP: 1000'

Time over Student Convoy: 1055.

(2) Twelve (12) fighter aircraft (Sq F) will strafe the aircraft on the airstrip by 2-plane elements in line abreast with elements in line astern at safe interval.

Gun Load: All cal. .50 guns, 75 rounds per gun, 1 ball, 1 tracer.

Time over Assembly Point: 1103

Altitude over Assembly Point: 5,000 feet (or under cloud cover).

Time over IP: 1109

(3) First two (2) A-26 aircraft to fire rockets and strafe in line astern at safe interval.

Rocket Load: Twelve (12) each 5 Inch HVAR. Complete round per Aircraft.

Gun Load: All .50 caliber guns 75 rounds per gun, 1 ball, 1 tracer.

Last four (4) A-26 aircraft will strafe in 2-plane elements.

Gun Load: Six (6) guns per aircraft 75 rounds per gun, 1 ball, 1 tracer.

Bomb Load for last four (4) A-26 Aircraft: Ten (10) 100# Cluster Bomb Practice M48 Para M72 and M73 with fuze M104 per aircraft.

Method of Rocket release: Salvo

Appendix A-3

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Method of Bomb Release: Intervalometer spacing of 50 feet to cover target area.

Altitude over Assembly Point: 3,000 feet.

Time over Assembly Point: 1103

Altitude of Attack: Minimum

Time over IP: 1113

- (4) A formation of six (6) heavy bomb aircraft will bomb the airstrip.

Bomb Load: 16 x 100# practice bombs with spotting charges per aircraft plus four (4) 60# AC British Training Bombs per aircraft.

NOTE: The lead aircraft of the last flight will carry the following bomb load: 18 x 100# Practice Bombs plus two (2) 100# Sky Marker Bombs T-8.

Method of Release: Salvo.

Method of Attack: Six (6) aircraft in javelin formation.

Time over Assembly Point: 1112.

Altitude over Assembly Point: 1,500 feet.

Time over IP: 1117.

Altitude of Attack: 1,500 feet.

- (5) One (1) Squadron of P-47 aircraft will furnish the escort for the heavy bomber squadrons in paragraph 2a (2) above.

Altitude over Assembly Point: 2,000 feet.

Time over Assembly Point: 1109

- (6) Two (2) B-29 aircraft will bomb the simulated enemy airstrip.

Bomb Load: 10 each Bomb Incendiary 500#, M76 with Fuze Bomb Nose, VIT., T-51E1 with Fuze Bomb Tail AN-M101A2 (non-delay)

Method of Release: Intervalometer setting 100 feet.

Altitude over Assembly Point: 4,000 feet (weather permitting)

Time over Assembly Point: 1113

Altitude over Target: 4,000 feet - if not possible make drop under cloud conditions.

Time over IP: Timed at safe interval to strike the target behind the heavy bomber formation. Approx 1120.

Appendix A-3

b. Second Phase.

- (1) Eight (8) P-47 aircraft in 2-plane elements with elements in line astern at safe interval, will strafe the truck column.

Gun Load: Eight (8) guns per aircraft, 75 rounds per gun, 1 ball, 1 tracer.

Four (4) P-47 aircraft will furnish escort for strafing aircraft. After passing over target area the four (4) escort aircraft plus the four (4) strafing aircraft will turn right climb to 5,000 feet orbit the Pinecastle Army Air Field at that altitude and await call from controller to glide bomb truck convoy. (See paragraph 2b(4) below).

Time over Assembly Point: 1214.

Altitude over Assembly Point: 3500

Time over IP: 1224

- (2) Four (4) A-26 aircraft in trail in safe interval will make a low altitude attack against the dummy ship.

Bomb Load: 6 x 100# practice bombs with spotting charge per aircraft.

Time over Assembly Point: 1212.

Altitude over Assembly Point: 1,000 feet.

Time over IP: 1223.

- (3) Four (4) A-26 aircraft in trail at safe interval will bomb the dummy railroad warehouse.

Bomb Load for first two (2) A-26 Aircraft:

Four (4) 100# INERT G. P. Bombs with anti-ricochet device M-16 consisting of one (1) Para Unit M-7, One (1) Fuze Adapter Assembly M-202 and One (1) Arming Wire Assembly per Aircraft.

Bomb Load for last two (2) A-26 Aircraft:

Two (2) 500# Incendiary Clusters M-7 per aircraft.

Method of Bomb Release: Salvo

Altitude of Attack: Minimum

Time over Assembly Point: 1222

Altitude over Assembly Point: 1000 feet.

Time over IP: 1232.

- [REDACTED]
- (4) Two (2) P-51 aircraft acting as tactical reconnaissance aircraft will fly over the target area on West to East run from the IP. The simulated enemy truck column will be spotted as a target and called in to the controller at the Demonstration range.

Correct R/T conversation will be used since this conversation will be broadcast to the students over the loud speaker system.

Tactical Recce Aircraft will lead the fighter bombers to the target on a South to North run and point out the target to the fighter bombers by verbal description. Tactical Reconnaissance Aircraft will not dive on target or strafe it.

Altitude over Assembly Point: 2,000 feet.

Time over Assembly Point: 1226.

Altitude of Mission over Target Area: 2,000 feet.

Time over IP: 1236.

- (5) On a call type mission eight (8) P-47 aircraft that are now orbiting Pinecastle Army Air Field, will be called by the controller to glide bomb the simulated enemy truck column. Tactical Recce Aircraft will lead them over the target.

Bomb Load: Two (2) Bomb, Practice, 100# M38A2, with spotting charge per aircraft.

Altitude over Pinecastle Army Air Field: 5,000 feet.

Method of Release: Salvo.

Time of Attack: 1239

- c. Third Phase: Attack against ground objective in direct support of ground troops in seizing simulated enemy airstrip.

- (1) Eight (8) fighter aircraft (Sq F) will attack a tank concentration with rockets in range of less than 600 yards. See target chart third phase.

Rocket Load: Six (6) each rocket 5 inch HVAR per aircraft.

Method of fire: Salvo.

Time over Assembly Point: 1404.

Altitude over Assembly Point: 2,000 feet.

Time over IP: 1414.

- (2) Two (2) A-26 aircraft will attack the tank concentration with rockets.

Appendix A-3

[REDACTED]

Rocket Load: (a) One (1) Rocket, Aircraft 11.75" with INERT head per aircraft.

(b) Twelve (12) Rocket, Aircraft, 5 inch HVAR per a/c.
Time over Assembly Point: 1409

Altitude over Assembly Point: 1,5000 feet.

Time over IP: 1419.

- (3) A formation of six (6) A-26 aircraft will bomb dummy personnel which will be marked by smoke mortar shells. Dummy personnel are in fringe of woods. See target chart Third Phase.

Bomb Load: Ten (10) Cluster Frag Bomb 100# M2A1 (Stabilized) per aircraft.

Method of Attack: Six (6) aircraft in javelin formation.

Method of Bomb Release: Salvo

Altitude of Attack: 1,500 feet.

Time over Assembly Point: 1412.

Altitude over Assembly Point: 1,500 feet.

Time over IP: 1422.

- (4) Eight (8) fighter aircraft (Sq E) will dive bomb the tank concentration marked by smoke mortar shells. See Target Chart Third Phase.

Bomb Load: 2 Bomb Practice, 100# M38A2 with spotting charge.

Method of Release: Salvo.

Time over Assembly Point: 1415

Altitude over Assembly Point: 9,000 feet.

Altitude over Target: 9,000 feet (Weather permitting)

Time over IP: 1425.

- (5) Two (2) P-47 aircraft will bomb the heavy gun battery position in line astern at safe interval with 165 gallon belly tanks (Fire Bomb).

The first P-47 will hit target with two (2) unstabilized fire bomb from minimum altitude.

The second P-47 will hit target with two (2) stabilized fire bombs from 500 feet.

Time over Assembly Point: 1423.

Altitude over Assembly Point: 1,000 feet.

Time over IP: 1433

Appendix A-3

[REDACTED]

(6) A coordinated attack will be made against a simulated enemy defended troop concentration. The troop concentration will be represented by dummy personnel located on the third phase area.

(a) A formation of six (6) heavy bomb aircraft will bomb the troop concentration represented by dummy personnel.

Bomb Load: 16 X 100# practice bombs with spotting charge per aircraft, plus four (4) 60# British Training Bombs per aircraft.

Time over Assembly Point: 1432.

Altitude over Assembly Point: 1,500 feet.

Altitude of Attack: 1500 feet.

Time over IP: 1437.

(b) One (1) squadron of SQ E aircraft will furnish a close escort for the heavy bomb mission in paragraph 2c(5) (a) above.

Time over Assembly Point: 1432.

Altitude over Assembly Point: 2,000 feet.

BY ORDER OF COLONEL ROGERS:

OFFICIAL:

CHARLES D. BURPEE, JR.
Major, Air Corps
Dir of Opr & Tng

CHARLES D. BURPEE JR.
Major, Air Corps
Dir of Opr & Training

[REDACTED]

LANDING AND TAKE-OFF SCHEDULE
FOR 3-13 DEMONSTRATION

17 July 1945

<u>NO.</u>	<u>TYPE</u>	<u>TAXI T.</u>	<u>T.O.</u>	<u>1ST PHASE</u>	<u>A.P.</u>	<u>I.P.</u>	<u>LAND</u>
3	B-29	0955	1010		1059	1108	1135
6	B-17	1000	1015		1058	1103	1130
6	A-26	1017	1025		1049	1059	1120
12	P-51	1025	1030		1049	1055	1115
12	P-47	1030	1035		1055	1103	1125
<u>2ND PHASE</u>							
12	P-47	1250	1255		1314	1324	1348
4	A-26	1302	1310		1318	1328	1336
4	A-26	1307	1315		1322	1332	1340
2	P-51	1311	1316		1326	1336	Remain air- borne for
2	P-51	1315	1320		1334	1354	troop escort
2	P-51	1340	1345		1405	1410	1435
<u>3RD PHASE</u>							
6	B-17	1420	1435		1529	1534	1600
8	P-51	1445	1450		1504	1514	1530
2	A-26	1437	1445		1509	1519	1536
6	A-26	1440	1450		1512	1522	1542
12	P-47	1452	1457		1515	1525	1552
2	P-38	1448	1503		1520	1530	1548