



ZONE	REV	DESCRIPTION	CHANGED BY	DATE	CLASS REVIEW	APPROVED
	A	INITIAL RELEASE (SEE TITLE BLOCK)				
	B	ADDED INFO FOR 36 MM BORE CAVITY	D. GALLANT	06/09/01		JIM POTTER
		ADDED LIST OF DRAWINGS ON SHT 2				
	C	UPDATED DWG LIST ON SHT 2	D. GALLANT	06/12/01		JIM POTTER

ISO VIEW
FOR REF ONLY

FOR TECHNICAL QUESTIONS, CONTACT: JIM POTTER 505-690-8701

QTY	PART/DRAWING #	DESCRIPTION	MATERIAL	ITEM #
1	JPAW-BC-002, ITEM 01	BUNCHER CAVITY ASSEMBLY, 30 MM BORE		01
1	JPAW-BC-030	DRIVE LOOP ASSEMBLY		02
1	JPAW-BC-040	SLUG TUNER ASSEMBLY		03
2	JPAW-BC-009	SLUG TUNER PORT COVER ASSEMBLY		04
2	JPAW-BC-008	DRIVE LOOP PORT COVER ASSEMBLY		05
2	LBNL SUPPLIED	RF PICKUP ASSEMBLY		06
1	LBNL SUPPLIED	VACUUM GAUGE ASSEMBLY		07
1	JPAW-BC-002, ITEM 17	BUNCHER CAVITY ASSEMBLY, 36 MM BORE		08

30 MM BORE BUNCHER CAVITY SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: .X = ± .030 .XX = ± .010 .XXX = ± .005	 ANGULAR = ± .5° MACHINED FINISH = 32/	TASK CONTRACTOR		 JP Accelerator Works 280A Central Park Square Los Alamos, NM 87544						
		A FILLED IN DATE INDICATES THAT THE APPROVAL SIGNATURE HAS BEEN OBTAINED FROM THAT PERSON NR-NOT REQUIRED			PROJECT					
INITIAL RELEASE APPROVALS			SNS							
DESIGNED	JIM POTTER	JPAW	06/11/01	BUNCHER CAVITY, 30 AND 36 MM BORE SYSTEM CONFIGURATION PARTS LIST						
DRAWN	DANNY GALLANT	GI	06/11/01							
CHECKED	JIM POTTER	JPAW	06/11/01							
ENGINEERING	JIM POTTER	JPAW	06/11/01							
NEXT ASSEMBLY USED ON APPLICATION			APPROVED	JIM POTTER	JPAW	06/11/01	SCALE 1:2	DO NOT SCALE DRAWING	DRAWING NUMBER	REV
								JPAW-BC-001	C	SHEET 1 OF 2

BUNCHER CAVITY DRAWING LIST
AS OF 06/12/01

Dwg. Title Line 1	Dwg. Title Line 2	Dwg. Title Line 3	Dwg. Number	Status	# Shts
Buncher Cavity	System Configuration	Parts List	JPAW-BC-001	rev C	2
Buncher Cavity	30 and 36 mm Bore Assemblies	Parts List	JPAW-BC-002	rev D	1
Buncher Cavity, 30 mm Bore	Wide Side Weldment	Weldment Detail	JPAW-BC-003	rev D	7
Buncher Cavity, 30 mm Bore	Narrow Side Weldment	Weldment Detail	JPAW-BC-004	rev B	9
Buncher Cavity	Spacer	Detail	JPAW-BC-005	rev B	1
Buncher Cavity	Mounting Bracket	Detail	JPAW-BC-006	rev C	1
Buncher Cavity	Modified C-Seal	Detail	JPAW-BC-007	rev A	1
Buncher Cavity	Drive Loop Port Cover	Detail	JPAW-BC-008	rev A	2
Buncher Cavity	Slug Tuner Port Cover	Detail	JPAW-BC-009	rev A	2
Buncher Cavity, 30 mm Bore	Aluminum Mockup Assembly	Parts List	JPAW-BC-010	rev A	1
Buncher Cavity, 30 mm Bore	Aluminum Mockup, Narrow Side	Detail	JPAW-BC-011	rev A	1
Buncher Cavity, 30 mm Bore	Aluminum Mockup, Wide Side	Detail	JPAW-BC-012	rev A	2
Buncher Cavity, 36 mm Bore	Wide Side Weldment	Weldment Detail	JPAW-BC-015	rev A	4
Buncher Cavity, 36 mm Bore	Narrow Side Weldment	Weldment Detail	JPAW-BC-016	rev A	5
Buncher Cavity, 30 mm Bore	Plating Test Part	Detail	JPAW-BC-020	rev B	1
Buncher Cavity Drive Loop	Drive Loop Assembly	Parts List	JPAW-BC-030	rev 01	1
Buncher Cavity Drive Loop	Outer Conductor Weldment	Weldment Detail	JPAW-BC-031	rev 03	2
Buncher Cavity Drive Loop	Center Conductor Weldment	Weldment Detail	JPAW-BC-032	rev 03	5
Buncher Cavity Drive Loop	Feedthrough Reference Dimensions	Detail	JPAW-BC-039	rev A	1

 JP Accelerator Works <small>280A Central Park Square Los Alamos, NM 87544</small>		
SIZE D	DRAWING NUMBER JPAW-BC-001	REV C
SCALE 1:2 DO NOT SCALE DRAWING		SHEET 2 OF 2