

CONFIDENTIAL

Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

TLW 1005

Note that evaluation will be combined with the results of the following test: shoulder function test.

Method:

- Draw ammunition from stores.
- The muzzle of each shotgun will be inserted into the shooting port and the shotgun placed securely in the test jack before the shotgun is loaded. For the first hundred rounds use the heavy side of the jack.
- Close the bolt over the empty chamber.
- Choose the first ammunition type per the Ammunition Schedule.
- Load eight (8) rounds into the magazine.
- Cycle the bolt to feed the 1st round into the chamber.
- Push the safe to the "off-Safe" position; be sure that the barrel is far enough within the porthole so that the muzzle will stay in the port when the shotgun recoils. If there is any question, re-adjust the jack into a better position.
- Note that the port opening will need to be modified to accept the magazine tube extension.
- With the lid on the belly protector closed, fire the first round in the chamber, listen for any off-sounds, and be alert for any other unusual behavior.
- Note any extraction or ejection problems.
- Continue to fire the remaining rounds in the magazine until the last round is fired.
- Push the Safety to the Safe position. Note that the safety will be pushed to the fire position at the start of every eight (8) round trial and will be pushed to the On Safe position at the end of every eight (8) round trial.
- After firing 104 rounds the shotgun will be checked carefully for the presence of any live ammunition and if empty will be removed from the test jack and placed in the cooling rack. The safety will be placed in the "On Safe" position and the bolt will be unlocked and fully open at all times. Compressed air may be used, if necessary, to cool the inside of the chamber area if the shotgun is excessively hot from firing.
- After cooling, the second cycle of 104 rounds will be fired in the shotgun to complete the test. For the second 100 rounds use the light side of the jack. Repeat the cycle according to the attached Ammunition Schedule.
- All malfunctions will be recorded on the data sheets.

Ammunition Schedule for the Basic Jack Function Test**Note: use Lead shot rounds only**

<u>Round</u>	<u>Manufacturer</u>	<u>Type</u>	<u>Code</u>	<u>RAC</u>
1-8	Remington	High Velocity Game Load	HV12-6	20065
9-16	Remington	Premiere Target	STS12LH-8	20252
17-24	Remington	Gun Club Light Target	GC12T-8	20230
25-32	Remington	Express Mag. Buckshot	12SB00	20632
33-40	Remington	Heavy Field Load	RP12H-8	28120
41-48	Remington	Sluggo Rifle Slug	SP12RS	20300
49-56	Winchester	Target Load	AAS112-7	
57-64	Winchester	Light Target	AA12-7-1/2	
65-72	Winchester	Rifle Slug	X12RS15	
73-80	Winchester	Rifle Slug	X12XC-5	
81-88	Federal	Magnum	F130-BB	
89-96	Federal	International	N110-7-1/2	
97-104	Federal	Gold Metal	S113-9	

Data Required:

- Shotgun serial number
- Any malfunctions noted or other unusual items of note.
- The ammunition used for the test with the ammo lot code number of the rounds actually used.
- Jack Number used to test shotgun.
- The TLW Number

J.R. Snedeker

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