

L. E. JURRAS' AUTO MAG Vol. 2, No. 13/April 1975

NEWSLETTER

Official Publication of the Club de Auto Mag Internationale, Inc.

Rotary Bolt



by LEE E. JURRAS

ANNOUNCING THE .41 JMP AUTO MAG

Starting the first week in July, 1975, we will commence delivery on the L. E. JURRAS CUSTOM MODEL 100 - .41 JMP. The .41 JMP is the third caliber in the custom model 100 series. As with the two previous custom models, .357 AMP and .44 AMP, only 100 of these guns will be offered. Serial number will be designated LEJ-001 through LEJ-100 inclusive.

To differentiate from the .357 AMP serial number series, the .41 JMP frame will be marked 100-3 under the grips.

The .41 JMP cartridge, developed by me, offers a 170 gr. .41 caliber bullet at 1850 f.p.s. when fired from the 6½" barrel. As with the .357 AMP cartridge, the .412 JMP is formed by neck sizing the .44 AMP case to the .41 caliber configuration.

The .41 JMP Custom Model 100 will come mag-na-ported, carrying the custom laminated grips and be shipped in its custom imprinted case, as did its predecessors. Purchasers of the previous models have been offered first choice of matching serial numbers. Remaining numbers will be sold on a first-come first-serve basis; **until July 1, 1975**, available at L.E. JURRAS & ASSOC., INC., P. O. Box 163,

Shelbyville, IN 46176. **After 1 July**, L. E. JURRAS & ASSOC., P.O. BOX 846, Roswell, N.M. 88201. Price \$595.00 A 50% deposit will hold your serial number and the balance may be paid C.O.D. receipt of gun. **LEJ**

CASE FORMING THE .357 AMP

Volume 1 No. 8 November '74 issue of the Auto Mag Newsletter carried laboratory and field tested load data for the .357 AMP. This load data was compiled and the article written under the assumption that most individuals hand-loading for the .357 AMP were familiar with its case forming operations. In reviewing my thoughts, I realized that certain situations arose during the manufacture of some of the early .357 AMP barrels. Namely several parties were involved in the production with a resultant deviation in standard chamber length. To my knowledge, nothing to date has been published concerning this variation. However, individual handloaders have found this variation when trying to form .357 AMP cases from standard RCBS or Pacific die sets. Custom handloaders found this variation the same way I did, by having a customer say "your ammo won't fit my Auto Mag".

After the demise of the original Auto Mag Corporation, its equipment, parts inventory, supplies, etc. were sold at public auction. It is fairly common knowledge that the T.D.E. Corporation purchased patent rights, manufacturing equipment and quantities of in pro-

cess parts inventory. Allegedly one or more firms purchased an unknown quantity of barrel extensions. Circumstances surrounding this and the exact number of barrels sold are somewhat vague. In short, something in the neighborhood of 200 barrel extensions in .357 AMP caliber were assembled that were neither manufactured by the original Auto Mag Corporation nor the T.D.E. Corporation.

Apparently none of these barrel extensions were etched with any logo.

The chambers of this unknown quantity of bastard barrels, based on either first hand examination or examination of cartridge cases forwarded to me, appear to have a difference of approximately .015" in depth between those produced by the original firm or the T.D.E. Corporation.

Let me emphasize this is **NOT** a serious problem, but one of a minor inconvenience and/or misunderstanding. What this means is that if you own one of these .357 AMP barrel extensions you probably cannot shoot .357 AMP cartridges that are available from various custom loaders. The problem being the .357 AMP headspaces on the shoulder, and in most instances, the shallow chamber will not allow the bolt to rotate closed when chambering a round. Again, let me emphasize this poses no problem for the individual handloader, because in forming his cases, he can relocate the shoulder for his particular chamber.

Kent Lomont tells me he has seen similar barrels with chambers that run .015" deeper than standard; thusly the bolt will ro-

tate closed, but the additional headspace will offer ignition problems or even blown primers in extreme instances.

SOLVING THE PROBLEM

To properly form or size .357 AMP cases, proceed as follows.

Remove barrel extension from the frame. Remove the bolt; clean and remove all residue from chamber, bolt and locking lugs. Check ejection and extractor for proper movement. Experimentally insert the bolt into the extension and rotate closed with your fingers. Move the bolt back and forth to feel the axial clearance between bolt lugs and extension lugs.

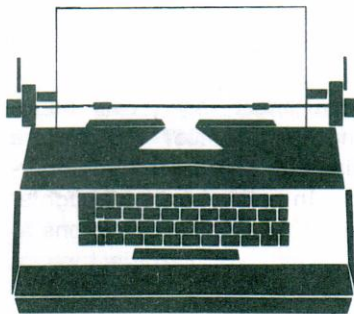
Now, placing the full length sizing die into your press, adjust the die to clear the shell holder approximately .050". Size an empty unprimed case and place it into the chamber. Now replace bolt and try to rotate closed by finger pressure. The bolt will probably not close because the case shoulder is not set back enough for proper headspace. Remove the case from the chamber, turn the size die down slightly and repeat the process. Repeat this process until you can rotate the bolt closed on the case with a **slight resistance felt**. You now have the case base to shoulder length at the maximum that will just allow the bolt to rotate closed on a clean chamber. From this point, you want to set the shoulder back an additional .008" - .012" to insure proper function as residue builds in the chamber and/or bolt lugs. To obtain this additional .008" - .012" clearance, proceed as follows.

With the die in the position for maximum headspace, size another case; leave the case in the die with press handle in full down position. With a feeler gauge, measure distance from die to shell holder. Now remove the case from the die and adjust the required amount. Size another case and again leave in the downstroke position. Measure die to holder clearance; it should be

.008" - .012" less than before. While still in the downstroke position, move lock ring and **tighten**. While forming cases check periodically. By measuring the shell holder to die clearance with the case full length in the die, you are compensating for press spring or excess play in ram or shell holder. This is not a complicated operation for any experienced handloader and can be accomplished in three to five minutes. However, it is possible that in order to achieve the proper clearance for a non-standard chamber, you might have to grind as much as .020" - .030" from the bottom of the size die.

LEJ

Letters



Dear Lee,

Been awful busy cleaning up gun inquiries, etc. since getting back from San Diego. Want to thank you for getting the Auto Mag to me and the ammo, been shooting it. Wonderfully accurate, but don't like light bullets myself and would sure like to try the 265 grain Hornady. This gun has a terrible creepy trigger pull and can't seem to eliminate it, but shoots and has functioned perfect. I prefer my sixguns myself, but this gun should be just what the doctor ordered for anyone liking autos and wanting to shoot big game. Not sold on the magnaport as throws an awful muzzle blast back in your ears. OK for those who are afraid of a little recoil though. (See June 75 Guns & Ammo, "Magnaport" by Howard French) Ed.

Some Alaskan boys have contacted the Game Department in Rhodessia. I believe where they're going to kill 45 lions. Guess they found out what our Idaho Game Department has not, that lions eat a hell of a lot of game every year, so they are going to kill 45 of the ---- this year in the preserve and will allow an American hunter to come over and kill one with a handgun. I sent the letter to Pete and Tom and told Peter if he did not want to do it to turn it over to you and Nonte, as you might be able to get away. I have as big a lion as they get I killed in '57 and don't need another and rather see someone else get the trip. They said cost would be \$2,200.00 also which with travel would be a tidy sum. However hope Pete, Tom or you and George, one or the other, take the trip and show it can be done. Would prefer brain or spine hit at close range standing target, as those babies can absorb a lot of lead and are fast as grizzly. The Auto Mag with 265 grain should be the gun.

Elmer Keith

Salmon, ID

Editor's Note

Dear Elmer,

My profuse apologies for the trigger on your Auto Mag. As you know, your gun was a personal gift from Harry Sanford. Harry forwarded the gun to me asking me to check it out and send it to you along with a couple of boxes of the 265 grain Hornady loads I had been experimenting with. Well, first thing I know, I had the gun six weeks and still hadn't done the trigger job; shame on me. Wait until the latter part of July, send me your frame and I promise you that belated trigger job will be out in short order.

Although magnaporting the Auto Mags does reduce their recoil, I don't feel their recoil should be objectionable to any big bore handgunner. To me the real desert is the reduction in muzzle lift, allowing faster second and third

shots on running jacks, javelina, wart hogs and the like.

Talked to Lomont last week, said he would be up your way about the first week of July, so I told him whatever he did be sure and take you two or three boxes of custom loads with the 265 grainers.

I had to cancel my June 1st Auto Mag lion hunt in South Africa because of my move to New Mexico. These things always take longer than expected. I'll go along with you Elmer with the heavy bullets on Griz and Lion, but I'll still take my 180 grainer for Elk, Caribou and the lesser antelope of Africa.

Best regards,
Lee

THE FOLLOWING LETTER WAS NOT DIRECTED TO THE AUTO MAG NEWSLETTER, BUT RATHER TO TECH EDITOR, GEORGE C. NONTE, AND IS PRINTED HEREIN AS BEING POSSIBLY INFORMATIVE TO AUTO MAG OWNERS.

Dear Editor:

P. O. Ackley's statements in the past about the possibility of firing larger diameter bullets through a barrel without blowing up the gun, plus my own curiosity leads me to ask whether the .44 AMP would still be OK if one were to fire a .45 ACP in the chamber. If the pressure were not too high for the gun, they could be used in emergency as a reduced load. Let's face it though, I'm really asking out of curiosity.

RTM

CHATSWORETH, CA

Editor's Note

Dear Sir:

The question you asked about **emergency** firing of a .45 ACP cartridge in the .44 AMP chamber brings to mind some experiments conducted by a friend of mine a number of years ago. In an effort to determine just what would happen under some similar circumstances, he fired standard military

ball .45 ACP cartridges through an **unaltered** Springfield M1093 rifle. There was no apparent damage to the rifle, only modest recoil, and recovered bullets clearly showed that the short, 230 grain .45 projectile has swaged down neatly to a long, .30 caliber bullet of the same weight. There was, however, considerable rearward extrusion of the lead bullet core--it had to go somewhere as the jacket was squeezed down

Consequently, I would expect much the same to occur if a .45 ACP cartridge were fired in the .44

AMP pistol. However, in view of the fact that there would be nothing other than more-or-less accidental interference fit of the case mouth with the chamber walls, the AMP extractor would most likely **not** engage the .45 ACP rim, and if it did not do so, the firing pin could not reach the primer, so the cartridge would not fire.

From an academic point of view, your question is an interesting one. I certainly **do not** recommend attempting such a firing, but if per chance you should do so, I'd be pleased to learn of the results.

GCN

NOTICE
EFFECTIVE JULY 1, 1975, THE
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P. O. BOX 846
ROSWELL, N.M. 88201

NOTICE

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North Hollywood .44 AMP, S/N A047XX, custom finish on frame, two mags plus mag pouch, RCBS dies plus case forming dies, mag-na-ported barrel, black sights, tuned trigger, clip depressor. \$500.00 plus shipping. Write John R. Sulzer # 0175, 156 S. Mulberry St., Chilliothe, OH 45601

L. E. Jurras .44 AMP Ser No. LEJ-100X; High Standard .44 AMP, Ser. No. H200; Mod. 180 .44 AMP Ser. No. A00300. Will also sell as a single lot. Write Don B. Riley, P. O. Box 747, Jefferson City, MO 65101

Original .44 AMP, stamped Auto Mag, Pasadena, CA. Low three digit serial number, excellent condition. Price is \$500.00 or best reasonable offer. Write: James T. Hale #0204, 250 N. Milledge, Athens, GA 30601

Original Pasadena Auto Mag, fired 20 rounds. Many factory extras. Three digit serial number; best offer over \$800.00. Contact R. S. Beal, Beal's Bullets, 170 W. Marshall Road, Lansdowne, PA 19050
L. E. JURRAS, CUSTOM MODEL 100 .44 AMP, Serial Number LEJ-6X. This gun has been custom tuned by me and includes exotic laminated grips, red insert front sight, black chrome rear sight and mag-na-ported. One of one hundred. \$775.00
Write L. E. Jurras, P. O. Box 163, Shelbyville, IN 46176

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Heavy Leather Auto Mag Barrel Cases, designed to be worn on belt. With sight protector and full flap. Offers complete protection. Black or brown plain only. 6½ inch \$20.00, 8½ inch \$22.00 and 10½ inch \$24.00. Include \$1.50 for postage and handling. Available from Kent A. Lomont, LOMONT PRECISION BULLETS, 4421 South Wayne Ave., Fort Wayne, IN 46807

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RCBS .357 AMP Taper Crimp Dies \$12.00. Contact R. S. Beal, Beal's Bullets, 170 W. Marshall Road, Lansdowne, PA 19050

ZIPPO LIGHTERS - Auto Mag Club Emblem - Postpaid at \$7.50 each. Order from Club de Auto Mag Internationale, Inc., P. O. Box 400, Shelbyville, IN 46176

Wanted

Variations of the Auto Mag; Original Pasadena, North Hollywood, Jurras, High Standard, etc. Write Mike Mace, P. O. Box 302, Williamsburg, KY 40769

Variations of the Auto Mag; Original Pasadena, North Hollywood, Jurras, High Standard, etc. Call: Arnold O. Beck 405-236-3463



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Editor and Publisher	Lee E. Jurras
Technical Advisor	Harry Sanford
Technical Editor	George C. Nonte
Field Tests	Kent Lomont
Field Tests	J.D. Jones

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POST OFFICE BOX 400 - SHELBYVILLE, INDIANA 46176

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ARNOLD A. GRIGGS
4726 N. SCHWARTZ
LISLE, IL 60532
#0283