Going All the Way: by William R. "Bob" Bishop Legally Converting the Uzi to Full Automatic

of this project year completed in

The Model A sights are the same as the

the Model B has a slightly different bolt.

External Modifications would allow me to start the conversion and

Installing an A-R-S. full auto evin

Close-up of the Uzi barrel which has been molified with an H&K-style three-lag adapter. It takes less than 2 seconds to securely mount! remove the suppressor from this barrel.



The relief underent (arrow) at the sear notch area of the SMG bolt. This critical mod will permit proper functioning of the disconnector in SA fire.

The SA extractor on the left and SMG version on the right. Notice the larger lip on the SMG version (arrow) which measurably aids in gripping the 9mm



The SA fire control internals correctly installed into the SMG grip housing. They are a true "drop in" which pase very little problem if you take your time and have a schematic

ameter of the bags are a bit too large. To reamed out the rist to clear the lagged be red while leaving enough lip to proper retain it. Although this is not an DMI or tion it is something overyone owning suppressor which mounts to barred la sheald consider.

The nect step was to send the U5 out to proper refinishing. After extensive talks with Jim Gravit of Pre-Tech Engineering I decided to have him parkerine all the parts in a rich gray-green zine phospate. The IbH Entery does it this way and after 40 years of production they must know what is right! Mine would be re-

his trade at Voltmer's his skills were clearly up to the task.

Jim glass bended the parts with a fine \$5-mesh grit and then air bowed them off

cremes any dast. After that he boffed in several small indice, desired up sorter under and returned to "as new" confliction to under the most account of the most account of the most account of the most account of the confliction to the purketizing track and the chemicals do their work. After the moving them and securationing the chemicals do their work. After the moving them and securationing the chemical them for any important of the movement of the movemen

the apple. The IMI factory finish is a blick pajor which is not the most dumble or beaufild. Indifferent occupancy, success occupage and go gornal and of low quality has always bothered net. The sunswer is new words. Moly families. John Normillous ton mixes several different types of "moly." Once of them is the same shader of loads that some namble menufactures and in 1600, "more them is the same shader of loads that some namble menufactures and in 1600, more than the same shader of loads that the same shader of loads of the earns with moly and an instally consistent is in short as done in a perfect militure, finish any one can get. This Uri was going so become a tree gosts.

If first claused everything with acctors and carefully masked off flowe sections which would remain parfected. The parts were then warmed to 1500° in that new onen. Also uses newspaper mask where an oilly meable enthe metal when he will be a superiorizing with them which then oilly new form the metal when beated. The parketizing will then which this oil about 11/16° onto the ones to be spruyed. Most light the cast ship will not easily sides to this oil year and your may have some slight flaking after imited uses. An afternation of the cast of the cast

it notes wisceers believe spraying.

Using a Pausche Model H airbe and air correpressor at 30 psi it was an e-job to mask off and perfectly cost evithing in several bours. As a rule of this for every minute you spend spraying all

Top siew looking down late a stripped Skyrip sombib. Partice

larly clear is the blocking bar (arraw) at the front which prevents the SAversion selector switch from going into full auto. SMG bausing does not have this bar. traight from the bottle. For this reas-

han adequate. Thermally curing it rended parks at 25% for two brares, for owed by an eil quenching, completed it recess. After seping them of it is was executified by which awained me. Finall requirated the A-R-S selector and 10 (10 meter crow sight markings with a whi acquer with from Brownell's. Clean it arged area with acctone, rub the slick wipe off, and let core for a few boars. In



A tale of two nuts. Left barrel nut has been milled out by Gentech to clear the lugged barrel. Right barrel nut has been milled out along its inner circumference by Norrell to clear the barrel. Both work equally Top barred is 16 1/8 " version which comes with the Uzi Model A. Hottom barred is shortened 9 1/4" SMG version which has been lugged and lathed down by Imm (arrows) to fit into the SA receiver's barred

The negistered bolt was a II-G Manine product via Tem Deroil. I now unstand that avery gased Ch-dealer runnel ward Thomas Hindy bus takes over ward Thomas Hindy bus takes over

To complete the external phase I is alleful all the parts bek into the recover and FA girl feature. This was where the christical transmal was really important specially with the parts comprising the great real properties of the great reaction. As one site is bring general measure. As one parts between London the great reactions are seen to be seen the great reaction of the great real parts of the design the period to the great real parts of the great real p

up of these bales for the FA seer as it is considered a receiver medification - and this Uzi would have a registered bolt not married to the receiver. No preblem. The AS sear works perfectly fine and is robust strough to handle many thousands of systes. Everything delitiot place and my cycles. Everything delitiot place and my Uzi (other than the 16° borrel) locked exscibly like an immuculate IMI factory full usto.

manifer to clear there is one minor concession you must make to fire in sernisacontaite mode. The macheting top cover sourcely will not release during cocking the to the SA bolt/striker assembly being but no long for correct operation. To other this simply remove the machet powd and it will work frace; or, supportably use

Internal Modifications

part of the conversion and required is parts: Registered full auto bolt IMI 3 recoil springbuffer assembly IMI 5 extractor and pin IMI 5MG is (NOTE: do not get this until you have registered bolt?) IMI three-detent sellevel (optional): depends on Model if the registered foll was a B-tz-Machine product via Tem Deroill. I now undestand that a very good C3 dealer runned Edward Thomas Brady has taken over Tem's supply and is the man to call. All other parts came from Class Three Sepply with the exception of the barrel. If

explained later.

The SMG recoil spring/buffer assembly is required since the SA spring does not function with the registered bolt. Furthermore, as the Uzi receiver still had the blocking rail the SMG buffer must be

The extractor which comes with th It SA bolt can be used in the registered bolters but has been identified as the cause of many jams due to its small "lip".

> rips it throughout the violent ejection cele. The SA extractor carnot perform is quite as well and is the source of probms if left intact. Aftermarket "SMG



Locating into the top cover assembly, Left assembly is from SA version and is non-ratcheting with shorter cocking slot. Right assembly is from SMG and has longer slot with ratcheting teeth (arrow). The SMG top cover assembly is highly recommended for both safety and fidelity reasons!

through the buffle stack of my Raptor I added touch he engraved my Uzi's serial

Two types of buffers used by the Uzi. Left is for SA version and is simply a large block of rubber. Right is for SMG and is made of syn-

through May of 1986 there were 950 of

"S" to "R" and supering the tigger or stable in a road being fired and the bean case properly ejecting. Reloading the superine with five roands, I charged the Usi and placed it on "R" again. Firing two quick seminator-base, Unarrhed it: "A" and pressed the iringer. All ther "and pressed the iringer. All there mustak freed as expected/proyed for an three easings kicked off to the side livealing a very large may proceeded a beautiful to the insection of the side.

and, and, nothing harpered. An embar-

ago or orbibbed any unusual tenda-After collecting all the brass for m gg, and quicidy remembering all thing and time invested into this Uzle same over my face. The factor had first handled in Bornia was nonated in my hands. Now, you can ener too!

Class Three Supply

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