

Remington Product Proposal

Date 08/14/03

NPP# **2004-28**

RAMAC

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Brief Description: Model 40-XS .308 Win (FBI Complete System)

Site Assignment: ☒ ILION ☐ MAYFIELD ☐ R & D

Category:

☒ CENTERFIRE ☐ RIMFIRE ☒ ACCESSORY

Dist Channel: ☐ DOMESTIC

☐ INTERNATIONAL

☐ AGENCY

☒ LAW ENFORCEMENT

☐ NTL ACCOUNTS

Sales Type: ☐ CATALOG ☐ SPRING

☐ WINTER ☒ SHOW

☒ CUSTOMER SPECIAL

FBI Sniper Rifle Solicitation

Expected Ship Date Q2 2004

Product Description ☒ NEW

☐ REPEAT

☐ MODIFY

notes: New sniper rifle as specified by FBI

Note Accuracy Specs below. Other Specs include:

Malfunction rate not to exceed 1/500.

Must maintain zero w/ .5 MOA scope adj. if action removed from stock.

Product Specs

Model: 40-XS Hand: RT

Caliber: .308 Win

Stock Material ☐ WOOD ☒ SYNTHETIC ☐ LAMINATE Type/Color: Black H.S. PST25

Stock Finish ☐ HIGH GLOSS ☒ MATTE ☐ CAMO ☐ OTHER

Stock Notes Stock has adj. LOP & Comb. Add index marks to stock for ref. points.
See Ron Engell for method used on prototypes

Receiver Material ☒ STAINLESS ☐ CARBON ☐ STANDARD

Receiver Finish ☐ GLOSS ☐ SATIN ☐ BLAST ☐ BLACK OX ☒ POWDER COAT ☐ CAMO
(As submitted but will suggest to FBI that we switch to another method that allows for more consistent thickness control such as 2-part epoxy or Boron Carbide Ceramic Film in order to allow for bedding prior to color)

Receiver Bedding Action & Trigger Guard to be bedded w/ Iron Brigade Armory Method
Iron Brigade will train Remington to use this method.

Barrel Material ☒ STAINLESS ☐ CARBON ☐ STANDARD

Barrel Finish ☐ GLOSS ☐ SATIN ☐ BLAST ☐ BLACK OX ☒ POWDER COAT ☐ CAMO
(See Receiver Finish Notes above - same applies to barrel)

Barrel Profile STD 40-X

Barrel Bracket STD Stainless
(As submitted but will suggest FBI switch to Oversized lug from Badger Ordnance (Par

Barrel Length 24"

Twist Rate 1:10" (As submitted but will suggest FBI switch to 1:12" if contract is awarded)

Crown 40-X

Fire Control M700 Stainless Note: Trigger & safety arm must be powder coated or equivalent to ma

Trigger Pull Weight 3.75lbs

Headspace Must not exceed min + 0.002"

Bolt Finish ☐ CHROMED ☐ JEWELLED ☐ BLUED ☒ OTHER Powder Coat or Equivalent (See Receiver

Bolt Handle Bolt Handle to be roll pinned to bolt body in addition to brazing

Checkering N/A

Recoil Pad/Butt Plt STD H.S. Precision 1" Pad
(As submitted but will suggest FBI switch to R3)

Drop at Comb Adjustable

Drop at Heel Adjustable

Length of Pull Adjustable

Swivel Studs STD 700 Police/M-24 - Must be epoxied in place. MUST NOT BE REMOVABLE

Swivels Michaels of Oregon QD style swivels

Sling Turner AWS (Part #NMSRAWS Black)

Sights None, Clean Barrel (DRILL AND TAP FOR 8-40 THREADS)

Bases Badger Ordnance Steel Picatinny Style

Rings Badger Ordnance Steel

Scope Leupold VXIII 3.5-10x40 LR M1 (30mm tube) (shipped w/ Butler Creek Flip Open caps,

BiPod Harris LM-S Add Pod-Loc's

Special Ser # FBIXXX

Special Markings Twist rate must be rolled on barrel

Laser Engraving N/A

Special Packaging Pack in Pelican F97092 (Cut Foam to Fit rifle & Deployment Case)
All literature for component products to be packed with system.

Users Manual Model 40-XS User's Manual (derived from M-24, Trull has copy)

Accuracy Specs. 1/2" @ 100 yds. Testing will require shooting (5) 5-shot groups @ 100 yds w/
ammo listed below. Largest group will be dropped from results.
Remaining (4) groups to be averaged. Average should not exceed 1/2".

Ammunition Req.	Federal GM308M (Federal Premium 168gr Sierra Boat-tail)
Trigger Guard	Sunny Hill All Steel Model
	Trigger Guard should be powder coated or equivalent
Mag Box	STD "BDL" style - Powder coated
Mag Follow	Must be black
Mag Capacity	5-Rounds
Cleaning Items	See Worksheet - Tools & Cleaning
Tools	See Worksheet - Tools & Cleaning -NOTE: ALL TOOLS MUST BE MARKED WITH RESPECTIVE RIFLES SERIAL NUMBER
Spare Parts	See Worksheet - Spare Parts
	Spare parts are provided to take rifle to it's warranted life
Warranty	Rifles are warranted for 50k rounds when properly maintained
	Barrels are warranted for 5k rounds (capable of MOA @ 5k rds)

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Brief Description: Model 40-XS .308 Win (FBI Complete System)

Market Overview: 5-Year Contract for 1500 units

Volumes	SKU Description	National Accounts	Domestic Agencies	Int'l	Canada	Law Enf.	1st Yr Total
	27248 M40-XS FBI			150		50	200
						0	0
							0
							0
							0
							0
		0	0	150	0	50	200

Volumes	SKU Description	2nd Yr	3rd Yr	4th Yr	5th Yr
	27248 M40-XS FBI	300	300	300	300
	0				
	0				
	0				
	0				
	0				

Unit Pricing	Net Price	Invoice	FET	RemCash	cost	\$Margin	%Margin
Target	4175 \$	4,175 \$	418 \$	3,758	2298	\$ 1,460	39%
Project							
Actual							

Submitted By J. Trull

Revisions: Original

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Brief Description: Model 40-XS .308 Win (FBI Complete System)**Key Dates & Quantities**

	Date	QTY
Forecast	08/14/03	300 Annual
DAT		
Start T&P		
Complete T & P		
Warehouse		To Order
Structures		
Catalog Decision		
Photo Sample		
Writers Shooters		
Writers Display		
Sales Shooters		
Sales Display		
Rep Samples	10/01/03	3
Shot Show		
Test ammo		
Proof ammo		
Gallery ammo		

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Comparable Product #1 **RAMAC** 25732 **Description** M-24 Rifle Only 7.62 NATO

Unit Pricing	Net Price	Invoice	27248	RemCash	cost	\$Margin	%Margin
Actual	2772	\$ 2,772	\$ 277	\$ 2,495	867.38	\$ 1,627	65%

Comparable Product #2 **RAMAC** 25716 **Description** M-24 SWS Complete System

Unit Pricing	Net Price	Invoice	FET	RemCash	cost	\$Margin	%Margin
Actual	6475	\$ 6,475	\$ 648	\$ 5,828	2988	\$ 2,840	49%

Comparable Product #3 **RAMAC** **Description**

Unit Pricing	MSP	Invoice	FET	RemCash	cost	\$Margin	%Margin
Actual		\$ -	\$ -	\$ -		\$ -	#DIV/0!

Proposed Product Pricing **RAMAC** 27248 **Description** Model 40-XS 308 Win (Complete

Unit Pricing	MSP	Invoice	FET	RemCash	cost	\$Margin	%Margin
Target	4175	\$ 4,175	\$ 418	\$ 3,758	2298	\$ 1,460	39%

Cost Basis/Buildup
See Next Tab

Leupold VXIII 3.5-10x40 LR M1 (30mm tube) (shipped w/ Butler Creek Flip Open caps)

27248 M40-XS FBI

Subject to Protective Order - Williams v. Remington

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_____ : System)

Model 40-XS .308 Win Cal Bolt Action Rifle System
Product Cost Estimate:

8/13/03

P/N	Description	Mfg Variable cost (VC)				Plant Ovhd & Depr. Cost	Total Mfg Cost
		Material	Labor & EBs	Mfg Ovhd	Total VC		
		(a)	(b)	(c)	(d)=(a+b+c)	(e)	(f)=(d+e)
96002	Barrel Assembly 24"	\$ 19.24	\$ 18.04	\$ 19.28	\$ 56.56	\$ 13.54	\$ 70.10
94098	Bolt Assembly	7.85	4.15	3.09	15.09	3.09	18.18
17013	Bolt Stop	0.17	0.11	0.05	0.33	0.07	0.40
24475	Bolt Stop Pin	0.10	-	-	0.10	-	0.10
15224	Bolt Stop Spring	0.07	-	-	0.07	-	0.07
97092	Pelican Case	121.54	-	-	121.54	-	121.54
17017	Ejector	0.35	-	-	0.35	-	0.35
94555	Ejector Pin	0.01	-	-	0.01	-	0.01
17019	Ejector Spring	0.03	-	-	0.03	-	0.03
93712	Extractor	0.75	0.01	-	0.76	-	0.76
22041	Firing Pin Assembly	5.99	1.52	0.55	8.06	1.02	9.08
104127	Front Guard Screw	0.08	0.01	0.01	0.10	-	0.10
16715	Magazine	1.13	0.06	0.04	1.23	0.04	1.27
90982	Magazine Follower	3.71	0.57	0.22	4.50	0.42	4.92
15699	Magazine Spring	0.37	-	-	0.37	-	0.37
21723	Proof Round (1.13)	0.32	-	-	0.32	-	0.32
21485	Test Round (9)	2.61	-	-	2.61	-	2.61
104126	Rear Guard Screw	0.09	0.01	-	0.10	-	0.10
17034	Receiver Plug Screw (4)	0.16	-	-	0.16	-	0.16
24476	Sear Pin	0.10	-	-	0.10	-	0.10
	Stock Assembly	445.00	-	-	445.00	-	445.00
	(H&S Precision Part# PST25)						
	Trigger Assembly (40-X)	2.37	5.15	1.96	9.48	3.69	13.17
	Trigger Guard Assembly	200.00	-	-	200.00	-	200.00
	(Sunny Hill)						
201392	Trigger Loc	1.75	-	-	1.75	-	1.75
	Bipod (Harris LMS)	83.63	-	-	83.63	-	83.63
	Pod Lock (KMW Pod-Loc)	21.20	-	-	21.20	-	21.20
	Scope Rail (Badger Ordnance)	150.00	-	-	150.00	-	150.00
	Scope Rings (Badger Ordnance)	85.00	-	-	85.00	-	85.00
96222	Scope (Leupold VX-III 3.5-10x40 LR M1)	650.00	-	-	650.00	-	650.00
	Sling (Turner AWS Black #NMSRAWS)	26.00	-	-	26.00	-	26.00
	Final Assembly incl'g Kits (Est)	-	62.43	22.41	84.84	41.16	126.00
		\$ 1,829.62	\$ 92.06	\$ 47.61	\$ 1,969.29	\$ 63.03	\$ 2,032.32

Tools & Cleaning	\$	164.73
Spare Parts	\$	101.12
Total	\$	2,298.17

Leupold VXIII 3.5-10x40 LR M1 (30mm tube) (shipped w/ Butler Creek Flip Open caps)

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M40-XS FBI

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P/N	Description	Mfg Variable cost (VC)				Plant Ovhd	
		Material	Labor & EBs	Mfg Ovhd	Total VC	& Depr. Cost	
		27248	(b)	(c)	(d)=(a+b+c)	(e)	
18935	Chamber Cleaning Brush	\$ 0.22	\$ -	\$ -	\$ 0.22	\$ -	
96053	Lens Cleaning Kit	10.92			10.92		
96058	Socket, 1/2" Hex 3/8" Drive	1.90			1.90		
96059	Torque Wrench	45.98			45.98		
96060	Wrench, 1/2" Combo	5.11			5.11		
96097	Case, Deployment Kit	13.22			13.22		
96106	M-16 Cleaning Brush	1.97			1.97		
96107	5/32" Hex Bit (3/8" Drive)	3.54			3.54		
96111	Allen Wrench (1/8")	0.05			0.05		
96112	Allen Wrench (5/32")	0.08			0.08		
96114	Bore Brush	1.04			1.04		
96115	Oil Bottle 1oz Rem Oil	1.24			1.24		
96116	Patches, Cleaning	1.12			1.12		
	Cleaning Rods (2) (Dewey Coated)	35.00			35.00		
	Stoney Point Bore Guide	18.39			18.39		
	Bolt disassembly tool (Keinendorst)	24.95			24.95		
		\$ 164.73	\$ -	\$ -	\$ 164.73	\$ -	

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Leupold VXIII 3.5-10x40 LR M1 (30mm tube) (shipped w/ Butler Creek Flip Open caps)

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27248 M40-XS FBI

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Total Mfg Cost (f)=(d+e)
\$ 0.22
10.92
1.90
45.98
5.11
13.22
1.97
3.54
0.05
0.08
1.04
1.24
1.12
35.00
18.39
24.95
\$ 164.73

FBI .308 Win Cal Bolt Action Rifle System

Spare Parts Kit

Note: Each Gun gets 5 of each
Spare Parts will be boxed separa

P/N	Description	Material (a)	Mfg Variable cost (VC)		Total VC (d)=(a+b+c)
			Labor & EBs (b)	Mfg Ovhd (c)	
Replace every (10,000) Rounds					
15224	Bolt Stop Spring	\$ 0.07	\$ -	\$ -	\$ 0.07
15699	Magazine Spring	0.37	-	-	0.37
16935	Chamber Cleaning Brush	1.10	-	-	1.10
17013	Bolt Stop	0.17	0.11	0.05	0.33
17017	Ejector	0.35	-	-	0.35
17019	Ejector Spring	0.03	-	-	0.03
22041	Firing Pin Assembly	5.89	1.52	0.55	8.06
24475	Bolt Stop Pin	0.10	-	-	0.10
24476	Sear Pin	0.10	-	-	0.10
90982	Magazine Follower	3.71	0.57	0.22	4.50
93712	Extractor	0.75	0.01	0.00	0.76
94555	Ejector Pin	0.01	-	-	0.01
96010	Front Guard Screw	0.08	0.04	0.02	0.14
96015	Rear Guard Screw	0.09	0.02	0.01	0.12
		\$ 12.92	\$ 2.27	\$ 0.85	\$ 16.04
x 5 (Life of the Rifle 50,000 Rounds)					
		x 5	x 5	x 5	
		\$ 64.60	\$ 11.35	\$ 4.25	\$ 80.20
Case, Spare Parts Kit (Est)					
		13.22	-	-	13.22
		\$ 77.82	\$ 11.35	\$ 4.25	93.42

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Leupold VXII 3.5-10x40 LR M1 (30mm tube) (shipped w/ Butler Creek Flip Open caps)

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27248 M40-XS FBI

Plant/Cyld & Depr. Cost (e)	Total Mfg. Cost (f)+(d+e)
\$ -	\$ 0.07
-	0.37
-	1.10
0.07	0.40
-	0.35
-	0.03
1.02	9.08
-	0.10
-	0.10
0.42	4.92
0.00	0.76
-	0.01
0.02	0.16
0.01	0.13
\$ 1.54	\$ 17.58
x 6	
\$ 7.70	\$ 87.90
-	13.22
\$ 7.70	\$ 101.12