

## Appendix: Light Arms Production in Latin America

| <i>Country</i> | <i>Producer</i>                                             | <i>Weapon Type</i>                                                                | <i>Design Source</i> | <i>Comments</i>                                                             |
|----------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------|
| Argentina      | Fabrica Militar de Armas Portatiles "Domingo Matheu" (FMAP) | FN Model 1935 GP Browning 9 mm pistol (also M-90, Detective model)                | lic./FN              | 185,000 produced 1969-1981 for military, private sales; still in production |
|                |                                                             | FN FAL 7.62 mm rifle (and variants); also heavy-barreled FAP and 5.56 mm versions | lic./FN              | 122,000 produced 1960-1983 for military, export sales                       |
|                |                                                             | PAM-1 and PAM-2 9 mm sub-machine gun                                              | variant of U.S. M3A1 | 50,000 produced 1955-1972 for military                                      |
|                |                                                             | FMK-3, FMK-4 9 mm submachine gun                                                  | indigenous           | 30,000 produced by end 1991 for military                                    |
|                |                                                             | FN MAG 7.62 mm machine gun                                                        | lic./FN              | In production since 1980; for military                                      |
|                |                                                             | GME-FMK2-M0 hand grenade                                                          | indigenous           | For military                                                                |
|                |                                                             | FMK-1, APG, MAPPG land mines                                                      |                      |                                                                             |
|                | Fabrica Militar Rio Tercero                                 | Model 1974 FMK-1 105 mm recoil-less rifle                                         |                      | For military                                                                |
|                |                                                             | FMK-1, FMK-2, FMK-3 60 mm mortars                                                 | indigenous           | For military                                                                |
|                |                                                             | FMK-2 LR 81-mm mortar                                                             | Brandt type (French) | For military                                                                |

| <i>Country</i> | <i>Producer</i>                                                            | <i>Weapon Type</i>                           | <i>Design Source</i> | <i>Comments</i>                                          |
|----------------|----------------------------------------------------------------------------|----------------------------------------------|----------------------|----------------------------------------------------------|
| Brazil         | Fabrica de Itujuba (part of Industria de Material Belico do Brasil, IMBEL) | Pistola Colt M-973 9 mm pistol, and variants | copy of U.S. M1911A1 | Over 50,000 produced                                     |
|                |                                                                            | Madsen M50 9 mm submachine gun               | lic./Madsen (Danish) | For military, police                                     |
|                |                                                                            | FN FAL 7.62 mm rifle and variants            | lic./FN              | At least 200,000 produced for military, export sales     |
|                |                                                                            | MD-2, MD-3 5.56 mm rifles                    | based on FN FAL      | For military, export sales                               |
|                | Forjas Taurus SA (incorporates Industrie Comercio Beretta SA)              | Beretta Model 92 9 mm pistol and variants    | lic./Beretta         | For military, export sales (export version called PT-92) |
|                |                                                                            | M972 Beretta Model 12 submachine gun         | lic./Beretta         | For military, export sales (export version called MT-12) |
|                |                                                                            | .38 cal. revolver                            |                      | For police, export sales                                 |
|                | Mekanika Industrie e Comercio Ltda.                                        | Uru Model-II 9 mm submachine gun             | indigenous           | For military, export sales                               |
|                |                                                                            | Uirapuru 7.62 mm machine gun                 | indigenous           | For military, export sales                               |
|                | Hydroar SA                                                                 | 57 mm M18A1 recoilless rifle                 | copy of U.S. M18A1   | For military                                             |
|                |                                                                            | 3.5 in. M20A1 rocket launcher                | copy of U.S. M20A1   | For military                                             |
|                |                                                                            | LC T1 M1 flame-thrower                       | indigenous           | For military                                             |

| <i>Country</i>     | <i>Producer</i>                                                 | <i>Weapon Type</i>                                                                    | <i>Design Source</i>                  | <i>Comments</i>                                             |
|--------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------|
|                    | Companhia de Explosivos Valparaiba (CEV)                        | M3, M4 hand grenades; M2 rifle grenade; M3 anti-tank grenade; 60 mm, 81mm mortar rds. |                                       | For military                                                |
|                    | Quimica Tupan SA                                                | AP NW AE T1 anti-personnel land mine                                                  | indigenous                            | For military, export sales                                  |
| Chile              | Fabricas y Maestranzas del Ejercito (FAMAE)                     | Special .38 cal. revolver                                                             |                                       |                                                             |
|                    |                                                                 | SIG SG-540 5.56 mm rifle; SG-542 7.62 mm rifle                                        | lic./SIG (Swiss)                      | In production since 1980s; for military                     |
|                    |                                                                 | 9 mm SAF submachine gun                                                               | based on SIG design                   | For military and police                                     |
|                    |                                                                 | 60 mm, 81 mm mortars                                                                  | Brandt types (French)                 | For military                                                |
|                    |                                                                 | MAPP-78-F2, MAPT-78-F2, M18 land mines                                                |                                       |                                                             |
|                    | Industrias Cardoen, S.A. (also doing business as Metalnor S.A.) | offensive/defensive hand grenade; MK-2 and Mini hand grenades                         |                                       | For military, export sales                                  |
|                    |                                                                 | AP, AP II, M18 land mines                                                             |                                       |                                                             |
| Dominican Republic | Armeria San Cristobal                                           | Cristobal Model 2 .30 cal. automatic rifle                                            | designed by Hungarian exile P. Kiraly | Approx. 200,000 produced for military and export since 1953 |

| <i>Country</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Producer</i>                                            | <i>Weapon Type</i>                           | <i>Design Source</i> | <i>Comments</i>                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------|----------------------|------------------------------------------------------|
| Mexico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fabrica Nacional de Armas                                  | H&K G3 7.62 mm assault rifle                 | lic./H&K             | In production since 1980s for military               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | FN FAL 7.62 mm rifle                         | lic./FN              | Production ceased late 1970s                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Productos Mendoza, SA                                      | Model HM-3 9 mm submachine gun               | .                    | For military                                         |
| Peru                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SIMA-CEFAR                                                 | MGP-15 submachine gun                        | indigenous           | For police & security forces                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | MGP-79A, MGP-84, MGP-87 9 mm submachine guns | indigenous           | For military, police                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | MGP-30 land mine                             |                      |                                                      |
| Venezuela                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Compana Anonima Venezolana de Industrias Militares (CAVIM) | FN FAL 7.62 mm assault rifle                 |                      | Approx. 10,000 assembled from Belgian parts in 1970s |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | FN Model 1935 HP 9 mm pistol                 | lic./FN              |                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | S&W M10, M60 revolvers                       | lic./S&W             |                                                      |
| <b>Abbreviations:</b><br>lic. = license-produced<br>H&K = Heckler & Koch (Germany)                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                            |                                              |                      |                                                      |
| <b>Sources:</b><br>Edward Clinton Ezell, <i>Small Arms of the World</i> , 12th ed. (1993)<br>Ezell et al., <i>International Small Arms Usage and Research and Development Trends</i> (1993)<br>Terry J. Gander & Ian V. Hogg, eds., <i>Jane's Infantry Weapons 95-96</i> (1995)<br>Ian V. Hogg & John Weeks, <i>Military Small Arms of the 20th Century</i> , 6th ed. (1993)<br>John Walter, <i>Rifles of the World</i> (1993)<br>Human Rights Watch Arms Project, <i>Landmines: A Deadly Legacy</i> (1993) |                                                            |                                              |                      |                                                      |

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