

# *Advanced Assault*

## Spanish MBT Direct Fire Data Chart

| Unit        | Ammo   | ROF | Range Effectiveness |      |      |      |      |      |      |      |      |      |      |      |      |    | Ammo Supply | ERA Mod. |
|-------------|--------|-----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|----|-------------|----------|
|             |        |     | Range in hexes      |      |      |      |      |      |      |      |      |      |      |      |      |    |             |          |
|             |        |     | 0                   | 1    | 2    | 3    | 4    | 6    | 8    | 10   | 12   | 14   | 16   | 18   | 20   | 22 |             |          |
| M48A5       | AP     | 2   | 8:18                | 9:18 | 8:17 | 7:17 | 6:16 | 5:15 | 4:14 | 3:13 | 2:12 | 1:11 | —    | —    | —    | —  | 6           | -3       |
|             | HEAT   | 2   | 7:18                | 8:18 | 7:18 | 5:18 | 4:18 | 2:18 | 1:18 | —    | —    | —    | —    | —    | —    | —  | 8           | —        |
|             | HE     | 2   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | —    | —    | —    | —  | 8           | —        |
|             | IS     | 2   | —                   | 20   | 20   | 20   | 20   | 18   | 16   | 14   | 12   | 10   | —    | —    | —    | —  | 4           | —        |
|             | SCAP*  | 3   | 6:5                 | 5:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | —  | 20          | —        |
|             | SA     | 2   | 3                   | 5    | 5    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —  | 8           | —        |
| M60A3       | APDU   | 2   | 8:20                | 9:20 | 8:20 | 7:19 | 6:19 | 5:18 | 4:18 | 3:17 | 2:16 | 1:14 | —    | —    | —    | —  | 3           | —        |
|             | AP     | 2   | 8:18                | 9:18 | 8:17 | 7:17 | 6:16 | 5:15 | 4:14 | 3:13 | 2:12 | 1:11 | —    | —    | —    | —  | 7           | -3       |
|             | HEAT   | 2   | 8:18                | 9:18 | 8:18 | 7:18 | 5:18 | 3:18 | 1:18 | —    | —    | —    | —    | —    | —    | —  | 8           | -2       |
|             | HE     | 2   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | —    | —    | —    | —  | 8           | -2       |
|             | IS     | 2   | —                   | 20   | 20   | 20   | 20   | 18   | 16   | 14   | 12   | 10   | —    | —    | —    | —  | 1           | —        |
|             | APERS  | 2   | 15                  | 30   | 30   | 30   | 30   | 30   | —    | —    | —    | —    | —    | —    | —    | —  | 2           | —        |
|             | SCAP*  | 3   | 6:5                 | 5:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | —  | 20          | —        |
| SA          | 2      | 3   | 5                   | 5    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 8  | —           |          |
| AMX-30E     | APFSDS | 2   | 8:18                | 9:18 | 8:17 | 7:17 | 6:16 | 6:15 | 5:14 | 4:13 | 3:12 | 2:11 | —    | —    | —    | —  | 3           | -2       |
|             | HEAT   | 2   | 8:14                | 9:14 | 8:14 | 7:14 | 6:14 | 6:14 | 5:14 | 4:14 | 3:14 | —    | —    | —    | —    | —  | 6           | —        |
|             | HE     | 2   | 5                   | 8    | 8    | 8    | 8    | 8    | 7    | 6    | 4    | 3    | —    | —    | —    | —  | 3           | —        |
|             | IS     | 2   | —                   | 20   | 20   | 20   | 20   | 18   | 16   | 14   | 12   | 10   | —    | —    | —    | —  | 3           | —        |
|             | SCAP*  | 3   | 6:5                 | 5:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | —  | 8           | —        |
|             | SA     | 2   | 3                   | 5    | 5    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —  | 8           | —        |
| Leopard 2A4 | APDU   | 2   | 8:24                | 9:24 | 8:24 | 7:24 | 7:23 | 6:23 | 6:22 | 6:21 | 5:21 | 4:20 | 3:18 | —    | —    | —  | 6           | —        |
|             | MPAT*  | 2   | 8:21                | 9:21 | 8:21 | 7:21 | 6:21 | 6:21 | 6:21 | 5:21 | 4:21 | 3:21 | 2:21 | —    | —    | —  | 6           | -5       |
|             | MPHE   | 2   | 10                  | 15   | 15   | 15   | 15   | 13   | 13   | 11   | 10   | 6    | 4    | —    | —    | —  | 2           | —        |
|             | SA     | 2   | 3                   | 4    | 4    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —  | 9           | —        |
| Leopard 2E  | APDU   | 3   | 8:24                | 9:25 | 8:25 | 8:25 | 7:24 | 7:23 | 6:23 | 6:22 | 5:21 | 5:20 | 4:19 | 3:18 | 2:18 | —  | 6           | —        |
|             | MPAT*  | 3   | 8:22                | 9:22 | 8:22 | 7:22 | 6:22 | 6:22 | 6:22 | 5:22 | 5:22 | 4:22 | 4:22 | 3:22 | 2:22 | —  | 6           | -5       |
|             | MPHE   | 3   | 11                  | 15   | 15   | 15   | 15   | 13   | 12   | 11   | 10   | 8    | 6    | 5    | 4    | —  | 2           | —        |
|             | SA     | 2   | 3                   | 4    | 4    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —  | 9           | —        |