

## Aviation Spark Plugs



*World's Best Aviation Spark Plugs!*



## Tempest® Aviation Spark Plugs

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|                                                                                                        | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |  |
|--------------------------------------------------------------------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|--|
| Models                                                                                                 | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |  |
|                                                                                                        | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |  |
| Continental Motors                                                                                     |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| A-65, A-75, C-75, C-85, C-90, C115, C-125 Series                                                       |                |         | X        |         | X       |                |         |         |         |          | X       |                | X       |                |         |         | X       |          |  |
| C-145 Series                                                                                           |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| E165, E-185, E225 Series                                                                               |                |         | X        |         | X       |                |         |         |         |          | X       |                | X       |                |         |         | X       |          |  |
| O-200-A, B, C, D                                                                                       |                |         | X        |         | X       |                |         |         |         |          | X       |                | X       |                |         |         | X       |          |  |
| IO-240-A, B                                                                                            |                |         |          | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |  |
| O-300-A, B, C, D, E                                                                                    |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| GO-300-A, B, C, D, E, F                                                                                |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| IO-360-A, AB, C, CB, D, DB, E, ES, G, GB, H HB, J, JB, K, KB                                           |                |         |          | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |  |
| IO-360-B                                                                                               |                |         |          |         | X       |                |         |         |         |          | X       |                | X       |                |         |         | X       |          |  |
| TSIO-360-A, AB, B, BB, C, CB, D, DB, E, EB, ES, F, FB, G, GB, H, HB, JB, K, KB, LB, MB, NB, PB, RB, SB |                |         |          | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |  |



|                                                                                               |  |  |  |   |   |  |   |  |   |   |   |  |   |  |   |   |   |  |
|-----------------------------------------------------------------------------------------------|--|--|--|---|---|--|---|--|---|---|---|--|---|--|---|---|---|--|
| LT5IO-360-E,<br>EB, K, KB, RB                                                                 |  |  |  | X |   |  |   |  | X | X |   |  | X |  |   |   | X |  |
| O-470-2                                                                                       |  |  |  | X |   |  |   |  | X | X |   |  | X |  |   |   | X |  |
| O-470-4, 11,<br>11B, 11B-C1, 11-<br>C1, 13, 13A, 15                                           |  |  |  |   | X |  |   |  |   |   | X |  | X |  |   |   | X |  |
| O-470-B, G, H,<br>M, N, P, R, S                                                               |  |  |  | X | X |  |   |  | X | X | X |  | X |  |   |   | X |  |
| O-470-B-C1, G-<br>C1, K-C1, L-C1,<br>M-C1                                                     |  |  |  |   | X |  |   |  |   |   | X |  |   |  |   |   |   |  |
| O-470-A, E, J,<br>K, L,                                                                       |  |  |  |   | X |  |   |  |   |   | X |  | X |  |   |   | X |  |
| O-470-T, U                                                                                    |  |  |  |   |   |  | X |  |   |   |   |  |   |  | X | X |   |  |
| IO-470-A, C, G,<br>P, R, T                                                                    |  |  |  | X | X |  |   |  | X | X | X |  | X |  |   |   | X |  |
| IO-470-D, E, F,<br>H, L, LO, M, N,<br>S, U, V, VO                                             |  |  |  |   |   |  | X |  |   |   |   |  |   |  | X | X |   |  |
| IO-470-J, K                                                                                   |  |  |  |   | X |  |   |  |   |   | X |  | X |  |   |   | X |  |
| L/IO-470-A                                                                                    |  |  |  | X | X |  |   |  | X | X | X |  | X |  |   |   | X |  |
| TSIO-470-B, C,<br>D                                                                           |  |  |  |   |   |  | X |  |   |   |   |  |   |  | X | X |   |  |
| IO-520 Series                                                                                 |  |  |  |   |   |  | X |  |   |   |   |  |   |  |   |   |   |  |
| IO-520-A, B,<br>BA, BB, C, CB, D,<br>E, F, J, K, L, M,<br>MB, N, NB                           |  |  |  |   |   |  | X |  |   |   |   |  |   |  | X | X |   |  |
| LIO-520 Series                                                                                |  |  |  |   |   |  | X |  |   |   |   |  |   |  |   |   |   |  |
| TSIO-520-A,<br>AE, AF, B, BB,<br>BE, C, CE, D, DB,<br>E, EB, F, G, H, J,<br>JB, K, KB, L, LB, |  |  |  |   |   |  | X |  |   |   |   |  |   |  | X | X |   |  |



|                                                                                                                            |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
|----------------------------------------------------------------------------------------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|
| M, N, NB, P, R,<br>T, U, UB, V, VB,<br>WB                                                                                  |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
| LTSIO-520-A,<br>AE, B, BE, C, CE,<br>D, DB, E, EB, G,<br>H, J, JB, K, KB, L,<br>LB, M, N, NB, P,<br>R, T, U, UB, VB,<br>WB |                |         |          |         |         |                | X       |         |         |          |         |                |         | X              |         | X       |         |          |
| GTSIO-520-C,<br>D, E, F, G, H, K,<br>L, M, N                                                                               |                |         |          |         |         |                | X       |         |         |          |         |                |         | X              |         | X       |         |          |
| IO-550-A, B, C,<br>D, E, F, G, L, N,<br>P, R                                                                               |                |         |          |         |         |                | X       |         |         |          |         |                |         | X              |         | X       |         |          |
| IOF-550-B, C,<br>D, E, F, L, N, P, R                                                                                       |                |         |          |         |         |                |         |         |         |          |         |                |         | X              |         |         |         |          |
| TSIO-550-A, B,<br>C, E, K                                                                                                  |                |         |          |         |         |                | X       |         |         |          |         |                |         | X              |         | X       |         |          |
| R9-A                                                                                                                       |                | X       |          |         |         |                |         | X       |         |          |         | X              |         |                |         | X       |         |          |
| R-670                                                                                                                      |                |         | X        |         | X       |                |         |         |         |          |         |                |         |                |         |         |         |          |
| R-670-3, -4,<br>-8, -11, -11A                                                                                              |                |         |          |         |         |                |         |         |         |          |         |                | X       |                |         |         | X       |          |
| W-670                                                                                                                      |                |         | X        |         | X       |                |         |         |         |          | X       |                | X       |                |         |         | X       |          |
|                                                                                                                            | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |
| Models                                                                                                                     | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |
|                                                                                                                            | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |
| Continental<br>Titan™<br>Engines                                                                                           |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |



|                                                                               |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
|-------------------------------------------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|
| OX-320 series                                                                 |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IOX-320 series                                                                |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| OX-340 series                                                                 |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IOX-340 series                                                                |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| OX-360 series                                                                 |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IOX-360 series                                                                |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| OX-370 series                                                                 |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IOX-370 series                                                                |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| OX-540 series                                                                 |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IOX-540 series                                                                |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| O-340 series<br>(ASTM<br>certified)                                           |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IO-340 series<br>(ASTM<br>certified)                                          |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
|                                                                               | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |
| Models                                                                        | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |
|                                                                               | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |
| Electroair<br>(electronic<br>ignition)                                        |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
| EIS-41000, EIS-41000IC, EIS-41000T, EIS-41000TIC, EIS-41000TLH, EIS-41000LHIC | X              |         |          |         |         | X              |         |         |         |          |         |                |         | X              |         |         |         | x        |
| Franklin/PZL/W\$K                                                             |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |



|                                                    |  |   |  |   |   |  |   |   |   |  |   |   |   |  |   |   |   |  |
|----------------------------------------------------|--|---|--|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|
| 2A-120-A, B, C, D                                  |  |   |  |   |   |  | X |   |   |  |   |   |   |  |   | X |   |  |
| 4A-235-B, B1, B2, B3, B4, B6                       |  |   |  |   |   |  | X |   |   |  |   | X |   |  |   | X |   |  |
| 6AS-335-A, B                                       |  | X |  |   |   |  | X | X |   |  |   | X |   |  |   | X |   |  |
| 6V-335-A1A, A1B                                    |  | X |  |   |   |  | X | X |   |  |   | X |   |  |   | X |   |  |
| 6VS-335-A, B, A1, B1                               |  | X |  |   |   |  | X | X |   |  |   | X |   |  |   | X |   |  |
| 6A-350-C1, C1A, C2, C2A, C1L, C1R, D, D1, D1A, D1B |  |   |  |   |   |  | X |   |   |  |   | X |   |  | X | X |   |  |
| 6AS-350-A, A1                                      |  |   |  |   |   |  | X |   |   |  |   | X |   |  |   | X |   |  |
| 6V-350-A, B                                        |  |   |  |   |   |  | X |   |   |  |   | X |   |  |   | X |   |  |
| PZL-3S, 3S 2nd Series, 3SR                         |  | X |  |   |   |  |   | X |   |  |   | X |   |  |   | X |   |  |
| ASZ-62IR-16, M18                                   |  | X |  |   |   |  |   | X |   |  |   | X |   |  |   | X |   |  |
| Jacobs                                             |  |   |  |   |   |  |   |   |   |  |   |   |   |  |   |   |   |  |
| L-4, L-5, L-6 Series                               |  |   |  |   | X |  |   |   |   |  | X |   | X |  |   |   | X |  |
| 4M, 4MA, 4MA7, 4MB, 5M, 5MB, 6M, 6MA, 6MBA         |  |   |  |   | X |  |   |   |   |  |   |   | X |  |   |   | X |  |
| R-755-A1, A2, A2M, A2M1, B1, B2, B2M, E            |  |   |  |   | X |  |   |   |   |  | X |   |   |  |   |   |   |  |
| R-755S, 5M                                         |  |   |  | X | X |  |   |   | X |  |   |   |   |  |   |   |   |  |
| R-755-9                                            |  |   |  |   | X |  |   |   |   |  |   |   | X |  |   |   | X |  |
| R-915-3, 5, 7                                      |  |   |  |   |   |  |   |   |   |  |   |   | X |  |   |   | X |  |



|                                      | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |  |
|--------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|--|
| Models                               | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |  |
|                                      | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |  |
| Ken Royce                            |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| Ken Royce 7F, 7G                     |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| Ken Royce 90 5G                      |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| Kinner                               |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| B-5, B-54, C-5, K-5                  |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| Kinner R-5, R-5 Series 2, R-55, R-56 |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| Lambert                              |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| B-5, B-54, C-5, K-5                  |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| LeBlond                              |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| LeBlond 70 5DE, 5E                   |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| LeBlond 85 5F, 5DF                   |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| LeBlond 90 5F                        |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| LeBlond 110 7DF                      |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
| Menasco                              |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| Buccaneer A-6, B-6, B6S              |                |         |          |         | X       |                |         |         |         |          | X       |                |         |                |         |         |         |          |  |
|                                      |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |



|                                                                          |  |   |   |  |   |  |   |   |  |  |   |   |   |   |   |   |   |  |
|--------------------------------------------------------------------------|--|---|---|--|---|--|---|---|--|--|---|---|---|---|---|---|---|--|
| Super<br>Buccaneer<br>C6S-4                                              |  |   |   |  | X |  |   |   |  |  | X |   |   |   |   |   |   |  |
| Pirate A-4, B-4,<br>C4, D4, M-50                                         |  |   |   |  | X |  |   |   |  |  | X |   |   |   |   |   |   |  |
| Super Pirate D-<br>4-87                                                  |  | X |   |  |   |  |   |   |  |  |   | X |   |   |   |   |   |  |
| P. Ponk                                                                  |  |   |   |  |   |  |   |   |  |  |   |   |   |   |   |   |   |  |
| O-470-50<br>Super Eagle                                                  |  |   |   |  |   |  | X |   |  |  |   |   |   | X |   |   |   |  |
| Pratt &<br>Whitney                                                       |  |   |   |  |   |  |   |   |  |  |   |   |   |   |   |   |   |  |
| R-985 Wasp Jr.<br>Series                                                 |  |   | X |  | X |  |   |   |  |  | X |   | X |   |   |   | X |  |
| R-1340 Wasp<br>Series (Short<br>Reach)                                   |  |   | X |  | X |  |   |   |  |  | X |   | X |   |   |   | X |  |
| R-1340 Wasp<br>Series (Long<br>Reach)                                    |  | X |   |  |   |  | X | X |  |  |   |   |   |   |   |   |   |  |
| SR-1340-E                                                                |  |   |   |  | X |  |   |   |  |  | X |   |   |   |   |   |   |  |
| R-1800 Twin<br>Wasp E1                                                   |  | X |   |  |   |  | X | X |  |  |   |   |   |   |   |   |   |  |
| R-1830 Twin<br>Wasp Series                                               |  | X |   |  |   |  | X | X |  |  |   | X |   |   | X | X |   |  |
| R-2000 Twin<br>Wasp Series                                               |  | X |   |  |   |  | X | X |  |  |   | X |   |   |   | X |   |  |
| Twin Wasp<br>Series SC-G,<br>SC3-G, S1C-G,<br>S1C3-G, S3C4-<br>G, S4C4-G |  | X |   |  |   |  | X | X |  |  |   | X |   |   | X | X |   |  |
| R-2800 Double<br>Wasp A, B,<br>Series                                    |  | X |   |  |   |  | X | X |  |  |   | X |   |   | X | X |   |  |



|                                                                                                                                                                                                                                                             |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|
| Double Wasp<br>Series CA3,<br>CA5, CA15,<br>CA17, CA18,<br>CA19, R2800-<br>97, CB3, CB4,<br>CB16, CB17                                                                                                                                                      |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| R-4630 Wasp<br>Major Series                                                                                                                                                                                                                                 |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                |         | X       |         |          |
|                                                                                                                                                                                                                                                             | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |
| Models                                                                                                                                                                                                                                                      | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |
|                                                                                                                                                                                                                                                             | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |
| Ranger                                                                                                                                                                                                                                                      |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
| Ranger 6-390,<br>6-410, 6-440<br>Series                                                                                                                                                                                                                     |                |         |          |         | X       |                |         |         |         |          | X       |                | X       |                |         |         | X       |          |
| Superior Air<br>Parts                                                                                                                                                                                                                                       |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
| O-360-A1A1,<br>A1A2, A2A1,<br>A2A2, A3A1,<br>A3A2, A4A1,<br>A4A2, A5A1,<br>A5A2, A6A1,<br>A6A2, B1A1,<br>B1A2, B2A1,<br>B2A2, B3A1,<br>B3A2, B4A1,<br>B4A2, B5A1,<br>B5A2, B6A1,<br>B6A2, C1A1,<br>C1A2, C2A1,<br>C2A2, C3A1,<br>C3A2, C4A1,<br>C4A2, C5A1, |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |



|                                                                                                                                                                                                         |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|--|
| C5A2, C6A1,<br>C6A2, D1A1,<br>D1A2, D2A1,<br>D2A2, D3A1,<br>D3A2, D4A1,<br>D4A2, D5A1,<br>D5A2, D6A1,<br>D6A2, E1A1,<br>E1A2, E2A1,<br>E2A2, E3A1,<br>E3A2, E4A1,<br>E4A2, E5A1,<br>E5A2, E6A1,<br>E6A2 |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
|                                                                                                                                                                                                         | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |  |
| Models                                                                                                                                                                                                  | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |  |
|                                                                                                                                                                                                         | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |  |
| Textron<br>Lycoming                                                                                                                                                                                     |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |
| O-235-C, E, H,<br>K, L, M, N, P<br>Series                                                                                                                                                               |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| O-235-F, G, J<br>Series                                                                                                                                                                                 |                |         |          | X       |         |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| O-290 Series                                                                                                                                                                                            |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| O-320-A, B, C,<br>D, E, H Series                                                                                                                                                                        |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| O-320-F Series                                                                                                                                                                                          |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         |         |          |  |
| IO-320 A, B, C,<br>D, E, Series                                                                                                                                                                         |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| IO-320-F<br>Series                                                                                                                                                                                      |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |  |
| IO-320-G<br>Series                                                                                                                                                                                      |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |  |



|                                                |  |   |   |   |   |  |  |   |   |   |   |  |   |  |  |   |   |  |
|------------------------------------------------|--|---|---|---|---|--|--|---|---|---|---|--|---|--|--|---|---|--|
| IO-320-C1A, F1A (Long Reach)                   |  | X |   |   |   |  |  | X |   |   |   |  | X |  |  |   |   |  |
| IO-320-C1B (Long Reach)                        |  | X |   |   |   |  |  | X |   |   |   |  |   |  |  |   |   |  |
| AIO-320-A, B, C series                         |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| LIO-320-B Series (Short Reach)                 |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| LIO-320-C1A (Long Reach)                       |  | X |   |   |   |  |  | X |   |   |   |  | X |  |  | X |   |  |
| AEIO-320 A, B, C, D, E Series                  |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| O-340-A, B Series                              |  |   |   | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| O-360-A, B, C, D, F, J Series                  |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| O-360-E Series                                 |  |   |   | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| HO-360-A, B, C Series                          |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| IO-360-A, B, C, D, E, F, J, K, L, M Series     |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| IO-360-A1B6, C1A, C1F, F1A Series (Long Reach) |  | X |   |   |   |  |  | X |   |   |   |  | X |  |  | X |   |  |
| LO-360-A, C, E Series                          |  |   | X | X | X |  |  |   | X | X | X |  | X |  |  |   | X |  |
| TO-360-A, C, E, F Series                       |  | X |   |   |   |  |  | X | X |   |   |  | X |  |  | X | X |  |
| TO-360-C1A6D, E1A6D, F1A6D Series (Long Reach) |  |   |   |   |   |  |  | X | X |   |   |  | X |  |  | X | X |  |



|                                              |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
|----------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|
| VO-360-A, B Series                           |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| AIO-360-A, B Series                          |                |         | X        | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |
| HIO-360-A, B, G Series                       |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| HIO-360 -C, D Series                         |                |         |          | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |
| HIO-360-E1AD, E1BD, F1AD Series (Long Reach) |                |         |          |         |         |                | X       | X       |         |          |         |                |         |                | X       | X       |         |          |
|                                              | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |
| Models                                       | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |
|                                              | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |
| Textron Lycoming - Continued                 |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
| IVO-360-A Series                             |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| LIO-360-C, M Series                          |                |         | X        | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |
| LTO-360-A1A6D, E1A6D                         |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| TIO-360-A, C Series                          |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| AEIO-360-A, B, C, H Series                   |                |         | X        | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| AEIO-360-A Series (Long Reach)               |                | X       |          |         |         |                |         | X       |         |          |         | X              |         |                |         | X       |         |          |
|                                              |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |



|                                                 |  |   |   |   |   |  |   |   |   |   |   |   |   |  |   |   |   |  |
|-------------------------------------------------|--|---|---|---|---|--|---|---|---|---|---|---|---|--|---|---|---|--|
| LHIO-360-C Series                               |  |   | X | X |   |  |   |   | X | X |   |   | X |  |   |   |   |  |
| LHIO-360-F1AD                                   |  |   |   |   |   |  | X | X |   |   |   |   |   |  | X | X |   |  |
| IO-390-A, C                                     |  | X |   |   |   |  |   | X |   |   |   | X |   |  |   | X |   |  |
| AEIO-390-A                                      |  | X |   |   |   |  |   | X |   |   |   | X |   |  |   | X |   |  |
| O-435-A, C, K Series                            |  |   |   | X | X |  |   |   | X | X | X |   | X |  |   |   | X |  |
| O-435-B Series                                  |  |   |   |   |   |  |   |   |   |   |   |   | X |  |   |   | X |  |
| O-435-A1A (Long Reach)                          |  |   |   |   |   |  | X | X |   |   |   |   |   |  |   |   |   |  |
| O-435-6, 6A                                     |  |   |   |   |   |  |   |   |   |   |   |   |   |  | X |   |   |  |
| O-435-23, 23A, 23B, 23C, 25, 25A                |  | X |   |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| GO-435-A Series                                 |  |   |   | X |   |  |   |   | X | X |   |   | X |  |   |   | X |  |
| GO-435-C, D, Series                             |  |   |   |   | X |  |   |   |   |   | X |   | X |  |   |   | X |  |
| GO-435-K Series                                 |  |   |   |   | X |  |   |   |   |   | X |   |   |  |   |   |   |  |
| VO-435-A Series                                 |  |   |   | X | X |  |   |   | X | X |   |   | X |  |   |   | X |  |
| VO-435-A, B Series (Long Reach)                 |  | X |   |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| TVO-435-A Series (Short Reach)                  |  |   |   | X |   |  |   |   | X | X |   |   | X |  |   |   | X |  |
| TVO-435-A, B, C, D, E, F, G Series (Long Reach) |  | X |   |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| O-480-1, 3                                      |  |   |   |   |   |  | X |   |   |   |   | X |   |  | X | X |   |  |



|                                         |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
|-----------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|---------|----------------|---------|----------------|---------|---------|---------|----------|
| GU-480-B, D, F Series                   |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| GO-480-C, G Series                      |                |         |          | X       |         |                |         |         | X       | X        |         |                | X       |                |         |         | X       |          |
| GO-480-G1, G2 Series (Long Reach)       |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| GO-480-E1A6                             |                |         |          |         |         |                |         |         |         |          |         |                | X       |                |         |         | X       |          |
| GSO-480-A, B, D, F Series (Short Reach) |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| GSO-480-A, B Series (Long Reach)        |                | X       |          |         |         |                |         | X       |         |          |         | X              |         |                |         | X       |         |          |
|                                         | MASSIVE        |         |          |         |         |                |         |         |         |          |         | FINE WIRE      |         |                |         |         |         |          |
| Models                                  | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E | UREB36S        | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |
|                                         | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          |         | 5/8"-24 Thread |         | 3/4"-20 Thread |         |         |         |          |
| Textron Lycoming - Continued            |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |
| IGO-480-A Series (Long Reach)           |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| IGSO-480-A Series (Short Reach)         |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| IGSO-480-A Series (Long Reach)          |                | X       |          |         |         |                | X       | X       |         |          |         | X              |         |                | X       | X       |         |          |
| O-540-A, B, D, E, F, G, H, J Series     |                |         |          | X       | X       |                |         |         | X       | X        | X       |                | X       |                |         |         | X       |          |
| O-540-L3C5D,                            |                |         |          |         |         |                |         |         |         |          |         |                |         |                |         |         |         |          |



|                                                                                                                                                                                                  |  |   |  |   |   |  |   |   |   |   |   |   |   |  |   |   |   |   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|--|---|---|--|---|---|---|---|---|---|---|--|---|---|---|---|--|
| M1B5D Series<br>(Long Reach)                                                                                                                                                                     |  | X |  |   |   |  |   | X |   |   |   |   | X |  |   |   | X |   |  |
| IO-540-A, AB,<br>AE, B, C, D, E, G,<br>J, K, L, M, N, P,<br>R, S, T, U, V, W,<br>(Short Reach)                                                                                                   |  |   |  | X | X |  |   |   | X | X | X |   | X |  |   |   |   | X |  |
| IO-540-AF<br>(Short Reach)                                                                                                                                                                       |  |   |  | X | X |  |   |   | X | X | X |   |   |  |   |   |   |   |  |
| IO-540-AA, AC,<br>AE, E, G, J, K, M,<br>N, P, R, S, U<br>(Long Reach)                                                                                                                            |  |   |  |   |   |  | X | X |   |   |   |   |   |  | X | X |   |   |  |
| IO-540-E1A5,<br>E1B5, E1C5,<br>J4A5, K1B5,<br>K1B5D, K1C5,<br>K1D5, K1E5,<br>K1E5D, K1F5,<br>K1F5D, K1G5,<br>K1G5D, K1H5,<br>K1J5, K1J5D,<br>K1K5, K1K5D,<br>K2A5, P1A5,<br>R1A5 (Long<br>Reach) |  | X |  |   |   |  | X | X |   |   |   | X |   |  | X | X |   |   |  |
| VO-540-A, B, C<br>Series (Short<br>Reach)                                                                                                                                                        |  |   |  | X |   |  |   |   | X | X |   |   | X |  |   |   |   | X |  |
| VO-540-A, B, C<br>Series (Long<br>Reach)                                                                                                                                                         |  | X |  |   |   |  |   | X |   |   |   | X |   |  |   | X |   |   |  |
| TIO-540-C1A,<br>E, H                                                                                                                                                                             |  | X |  |   |   |  |   |   |   |   |   |   |   |  |   |   |   |   |  |
| TIO-540-A, AA,<br>AB, AE, AF, AG,<br>AH, AJ, AK, C, E,<br>F, G, H, J, K, N, R,<br>S, T, U, V, W<br>Series                                                                                        |  |   |  |   |   |  | X | X |   |   |   |   |   |  | X | X |   |   |  |



|                                    |  |   |  |   |   |  |   |   |   |   |   |   |   |  |   |   |   |  |
|------------------------------------|--|---|--|---|---|--|---|---|---|---|---|---|---|--|---|---|---|--|
| LTIO-540-F, J, N, R Series         |  |   |  |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| LTIO-540-U, V Series               |  |   |  |   |   |  | X | X |   |   |   |   |   |  | X | X |   |  |
| AEIO-540-D, L Series (Short Reach) |  |   |  | X | X |  |   |   | X | X | X |   | X |  |   |   | X |  |
| AEIO-540-L Series (Long Reach)     |  | X |  |   |   |  | X | X |   |   |   |   |   |  | X | X |   |  |
| IGO-540-A, B, Series               |  | X |  |   |   |  | X | X |   |   |   |   |   |  | X | X |   |  |
| IVO-540-A Series                   |  | X |  |   |   |  |   | X |   |   |   | X |   |  |   | X |   |  |
| TIVO-540-A Series                  |  |   |  |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| IGSO-540-A, B Series               |  |   |  |   |   |  | X | X |   |   |   |   |   |  | X | X |   |  |
| TIO-541-A, E Series                |  | X |  |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| TIGO-541-A, E Series               |  | X |  |   |   |  | X | X |   |   |   | X |   |  | X | X |   |  |
| IO-580 Series (Short Reach)        |  |   |  | X |   |  |   |   |   |   |   |   |   |  |   |   |   |  |
| IO-580 Series (Long Reach)         |  | X |  |   |   |  |   | X |   |   |   |   |   |  |   | X |   |  |
| AEIO-580 Series (Short Reach)      |  |   |  | X |   |  |   |   |   |   |   |   |   |  |   |   |   |  |
| AEIO-580 Series (Long Reach)       |  | X |  |   |   |  |   | X |   |   |   |   |   |  |   | X |   |  |
| R-680 Series                       |  |   |  |   | X |  |   |   |   |   | X |   | X |  |   |   | X |  |
| IO-720-A, B, C,                    |  |   |  |   |   |  |   |   |   |   |   |   |   |  |   |   |   |  |



|                                            |                |         |          |         |         |                |         |         |         |          |                |         |         |                |         |         |         |          |
|--------------------------------------------|----------------|---------|----------|---------|---------|----------------|---------|---------|---------|----------|----------------|---------|---------|----------------|---------|---------|---------|----------|
| D Series (Short Reach)                     |                |         |          | X       |         |                |         |         | X       | X        |                |         | X       |                |         |         | X       |          |
| IO-720-A, B, C, D Series (Long Reach)      |                | X       |          |         |         |                | X       | X       |         |          |                | X       |         |                | X       | X       |         |          |
|                                            | MASSIVE        |         |          |         |         |                |         |         |         |          | FINE WIRE      |         |         |                |         |         |         |          |
| Models                                     | UREM37HE       | UREB37E | UREM37BY | UREM38E | UREM40E | URHB32E        | URHB32E | URHB37E | URHM38E | URHM38EL | URHM40E        | UREB36S | UREM38S | URHB32S        | URHB32S | URHB36S | URHM38S | URHM38SE |
|                                            | 5/8"-24 Thread |         |          |         |         | 3/4"-20 Thread |         |         |         |          | 5/8"-24 Thread |         |         | 3/4"-20 Thread |         |         |         |          |
| Warner                                     |                |         |          |         |         |                |         |         |         |          |                |         |         |                |         |         |         |          |
| Scarab Series 28, 29, 30, 40, 50           |                |         |          |         | X       |                |         |         |         |          | X              |         | X       |                |         |         | X       |          |
| Scarab Jr. Series 40, 50                   |                |         |          |         | X       |                |         |         |         |          | X              |         | X       |                |         |         | X       |          |
| Super Scarab Series 40, 50, 50A            |                |         |          |         | X       |                |         |         |         |          | X              |         | X       |                |         |         | X       |          |
| Super Scarab 165, A, B, D, 185, 185J, 185K |                |         |          |         | X       |                |         |         |         |          | X              |         | X       |                |         |         | X       |          |
| Wright/ Curtis Wright                      |                |         |          |         |         |                |         |         |         |          |                |         |         |                |         |         |         |          |
| Cyclone Double Row Series                  |                | X       |          |         |         |                |         | X       |         |          |                |         |         |                |         |         |         |          |
| Cyclone R-1300 Series                      |                | X       |          |         |         |                |         | X       |         |          |                | X       |         |                |         | X       |         |          |
| Cyclone R-1820 Series (Except F & HE)      |                | X       |          |         |         |                |         | X       |         |          |                | X       |         |                |         | X       |         |          |
| Cyclone R-                                 |                |         |          |         |         |                |         |         |         |          |                |         |         |                |         |         |         |          |



|                                                 |  |   |  |  |   |  |   |   |  |   |  |   |  |   |  |   |  |
|-------------------------------------------------|--|---|--|--|---|--|---|---|--|---|--|---|--|---|--|---|--|
| 1820-84<br>(C9HE) Series                        |  |   |  |  |   |  | X |   |  |   |  |   |  | X |  |   |  |
| Cyclone R-<br>2600 Series                       |  | X |  |  |   |  |   | X |  |   |  | X |  |   |  | X |  |
| Cyclone R-<br>3350-C18BA,<br>C18BD              |  | X |  |  |   |  |   | X |  |   |  | X |  |   |  | X |  |
| GR-540 Series                                   |  |   |  |  | X |  |   |   |  | X |  |   |  |   |  |   |  |
| GR-975 Series<br>(Short Reach)                  |  |   |  |  | X |  |   |   |  | X |  |   |  |   |  |   |  |
| GR-975C Series<br>(Long Reach)                  |  | X |  |  |   |  |   | X |  |   |  |   |  |   |  |   |  |
| R-540 Series                                    |  |   |  |  | X |  |   |   |  | X |  |   |  |   |  |   |  |
| R-975 Series<br>(Short Reach)                   |  |   |  |  | X |  |   |   |  | X |  |   |  |   |  |   |  |
| R-975 Series<br>(Long Reach)                    |  | X |  |  |   |  |   | X |  |   |  |   |  |   |  |   |  |
| Whirlwind J-5<br>(Short Reach)                  |  |   |  |  | X |  |   |   |  | X |  |   |  |   |  |   |  |
| Whirlwind J-5<br>(Long Reach)                   |  | X |  |  |   |  |   | X |  |   |  |   |  |   |  |   |  |
| Whirlwind R-<br>760 Series<br>(Long Reach)      |  | X |  |  |   |  |   | X |  |   |  |   |  |   |  |   |  |
| Whirlwind R-<br>760 Series -<br>1/2" reach cyl. |  |   |  |  | X |  |   |   |  | X |  |   |  |   |  |   |  |

Information contained in this application data is for reference only. Although great effort has been made to ensure accuracy and completeness, Aero Accessories/Tempest® assumes no responsibility for the information contained within this document. Responsibility for airworthiness of aircraft, including the installation of correctly selected approved replacement of parts lies with the aircraft owner/operator per FAR 91.163, FAR 121.363, FAR 123.45, FAR 127.131 and FAR 135.143 (a). Please refer to FAA or engine/airframe/propeller manufacturers' parts listing for approved part numbers for each application. Tempest brand products are manufactured by Aero Accessories, LLC.



**The most automated manufacturing processes and the most innovative spark plug in the aviation industry.**

#### ***High Conductivity Copper Core Center Electrode***

Copper, co-extruded inside a nickel alloy sleeve ensures outstanding heat and electrical conductivity while the nickel sleeve offers high resistance to corrosive combustion gases.

#### ***Proprietary Glass Center Seal***

21st century 'fired in' resistor replaces the multipart screw, spring, and carbon pile stack up used in competitive plugs and known to suffer from resistance value instability that can cause misfires, wasted fuel, and engine roughness.

#### ***High Alumina Ceramic Insulator***

High mechanical strength, superior dielectric properties, and proprietary protective glaze, provides high performance to conquer severe operational conditions. "Clean Collar™" massive electrode "V" tip focuses heat to reduce fouling and enhance heat range control.

#### ***Nickel Finish***

Environmentally preferable electrolytic nickel provides outstanding durable finish, superior corrosion protection, and extreme wear resistance.

#### ***Nickel Ground Electrodes***

Aviation grade nickel electrode design focuses on minimizing sparking voltage requirements while maintaining specification gaps to ensure large, stable 'flame kernels' for on-time ignition and complete combustion

#### ***Vacuum Infused Center Electrode***

The proprietary vacuum infusion process seals the electrode/insulator gap providing stable heat range and superior center electrode cooling (heat flow to the insulator).

#### ***Hot-Lock Assembly***

Intense pressure and heat create positive, zero-leakage, shrunken in seal between insulator and shell to contain the hot, high pressure combustion cycle gases.

#### ***Harness Wire Contact***

Our smooth, uninterrupted, oxide treated spring contact surface offers enhanced corrosion resistance, is chemically bonded to the fired-in resistor providing the ultimate harness/spark plug termination integrity and energy transfer.



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