7TAO

eal RECOGNISED

MODEL JET PLANT

7Tao Engineering complete a ***Model Jet*** assembly course for enhancing your problem solving and performance improvement techniques. The student will be using modern problem solving techniques to find faults, build processes and organize a competitive team to prepare a ***model jet*** for ***flight***. The ***model jet*** comes with problems embedded. Students must use assembly, problem solving, testing, performance monitoring, measurement systems and competitive continuous improvement systems against other teams to win the trophy title between 3 to 5 teams all building a comparative ***model jet***. Students will use various problem solving to complete their practical course of assembling the ***Model Jets*** which are designed to fly up to 200 Mph. Pilots are supplied to the teams.

The problem solving tools include many unique categories: problem solving diagrams, problem solving mind maps, and problem solving software solutions. They include: Fishbone diagrams. Flowcharts. Check sheet (tally sheet), Cause and effect diagram (fishbone or Ishikawa diagram), Stratification, Histogram, Pareto chart (80-20 rule) Scatter diagram, Control chart (Shewhart chart) , Visual Inspection Methods, Vibration Analysis Techniques, Acoustic Monitoring Procedures, Thermal Imaging Applications, Computer-Aided Diagnostic Tools.

Contact us for more details on the ***Model Jet Fighter*** assembly course

Q & A	
Number of students in a cohort	10 to 20
Number of engineering and manufacturing techniques that could be learned	25+
Engineering problems to be solved	30+
Age range	18+
Number of products to be built	5 - 25
Certification process with EAL Engineering Awards	Available