



Apex Design Technology, Inc. December Buzz



Good Job Apex!

Apex would like to thank Peter Pineda for a job well done and for the support he provided in the field with the installation at Vandenberg. The Customer was very happy – and Peter’s professional manner made us look good.

“That-A- Boy” goes to: Thanh Nguyen, Mike Tran, Roger Lands, Steve Gomez, and Steve Neely for getting the military project out on time! The customer said laughingly that they were going to send the units back because they looked too good! They thanked us for getting the units out on schedule and said that the units had passed their tests and were ready to be sent to their customer. A job well done, Apex!

On November 23 the Boeing Company called to thank the Apex team for all the hard work done on the tool – Roger Lands and Marty Barnett for functional verification using the laser tracker and Delan Desilva for the breakdown, shipping and set up at the customer’s facility. To all those who were involved in this major team effort at Apex (you know who you are), thank you for a job well done!

How Apex is saving time by using the new Coordinate Measuring Machine (CMM)

Article by Rich Stiller

Through utilization of the new CMM, Apex is able to drastically reduce inspection time on complex tools and assemblies.

Here’s how:

The CMM software (PC-DMIS) is capable of using “models” (an electronic, 3-D diagram) of the tool assembly being inspected. The CMM Programmer can create the entire CMM program to check the part directly by matching it to the master model electronically.

The CMM can also be used to manually check parts. In this “learn” mode, each feature of the tool being inspected is measured and created – the software (PC-DMIS) will remember all the commands used to measure the part and will then automatically repeat the commands asked to. A report is generated to

compare the coordinates with the nominals from the blueprint.

The CMM can also save manufacturing time. By pre-programming the part ahead of time from a Model, the part can be checked as soon as it comes off the machine – a valuable time saver if the CNC machines are awaiting inspection results before proceeding.

3-D graphics of different views of the tool assembly can then be printed to use in the Shop as a powerful visual aid.

Reverse engineering of parts is another substantial feature of the PC-DMIS. If we have a part or tool with no engineering data, we can measure all the features of the part with the CMM. The CMM Stores the features and their characteristics which can be exported as an IGES or other type of digital data. This information can be used by Engineering or Programming to produce a new part or tool.

The new CMM at Apex is great machine to use!

A 401(K) NOTE:

Educational and New Enrollment Meetings are scheduled for Friday, December 17th. A copy of the Schedule will posted by December 14th.

Please contact Carolina Venezuela if you have any questions.

PAGERS

Please let the Front Office know when you *page* someone to call Apex’ main telephone number. It seems that extension numbers aren’t visible on their paging units.

NEW HIRES - Welcome to the Apex Team!

Rick Burke	Fitter/Welder
David L. Emerson	Fitter/Welder (2nd Shift)
Johnny C. Morales	Hydraulic Mechanic
Michael A. Cangi Jr.	Fitter/Welder (2nd Shift)
Frank Tran	Electrical Assembler
Duc Quach	Electrical Assembler
Hien D Vu	CNC Machinist

DECEMBER BIRTHDAYS

Dec. 21 st	Michael K. Morgan
Dec. 22 nd	Michael Tran
Dec. 29 th	Michael W. Jeffreys
Dec. 29 th	Erick A. Rosales
Dec. 30 th	Paul Aukshunas

DECEMBER ANNIVERSARIES

Carolina Valenzuela	7th Anniversary
Gary W. Goldner	5th Anniversary
Alfonso Flores	1st Anniversary

DID YOU KNOW?

Seven Tricks to Remembering Names

1. Be interested. Pay attention as you are introduced.
2. Verify. Unless the person has introduced himself to you, verify what he or she wishes to be called.
3. Picture their name written across their forehead. Franklin Roosevelt continually amazed his staff by remembering the names of nearly everyone he met. His secret? He used to imagine seeing the name written across the person's forehead.
4. Imagine writing the name by moving your finger in micro-muscle movements as you are seeing the name and saying it to yourself.
5. Relate the name. Try to associate a person's name with a familiar image or famous person.
6. Use it frequently. Try to use the name three or four times during your conversation.
7. Record the name in a "new contacts" file. Keep a record of new contact names and information, including where and when you met.

HEALTH TIP - 25 Ways to Reduce Stress

For many people, the holidays can bring a sense of overwhelming responsibility and even dread of all the dizzying array of competing demands – work, visit with family and friends, gift buying, baking, shopping, cleaning, caring for kids on school break, and scores of other chores.

Here's 25 practical tips to help you minimize stress and enjoy this holiday season.

1. Go to bed 15 to 30 minutes earlier at night.
2. Reduce or eliminate caffeine consumption.
3. Get a massage.
4. Jot down your thoughts and feelings in a journal.
5. Allow some personal time every day.
6. Improve your appearance.
7. Read a book.
8. Take a long, warm bath.
9. Nourish your friendship circle.
10. Limit activities with "negative" friends.
11. Be an optimist.
12. Hug your children and your friends.
13. Pray.
14. Do volunteer work.
15. Start a hobby.
16. Catch your breath.
17. Get away for an afternoon, a day or a weekend
18. Learn yoga.
19. Go to a movie.
20. Simplify your life.
21. Learn to say no.
22. Schedule "worry time". If a worry crops up outside of "worry time," write it down and worry about it later.
23. Don't procrastinate.
24. Help someone
25. Write a letter to a friend.



APEX WISHES YOU A HAPPY HOLIDAY SEASON

In the true spirit of the season,
we express our heartfelt thanks for your
contributions to our success this past year.

**Best wishes to you and your families for a very
Merry Christmas and a
Happy New Year.**

