

TOOLAND DIE MAAZINH
THE MIT HUMOR MAGAZINE
VOLUME ONE NUMBER ONE
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Dreadful Editor
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WITH SPECIAL THANKS AND KICKBACKS TO:
The Tech for their bountiful donation of wax and magic markers
Finboard for enough money to buy aspirin & produce a magazine
Link
Dining Service
One spore a size, MIT had a list of family people. They put out a family regions which had not for spore and years, OHT may any out a family and preserve the family out of the spore and years out and people.
EDITORIALS:
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# COURSE VI OPEN HOUSE

We are Course 6 and we're oversubscribed. Come find out what a mistake choosing a major with us would be.

- Meet unfriendly and impersonal faculty members.

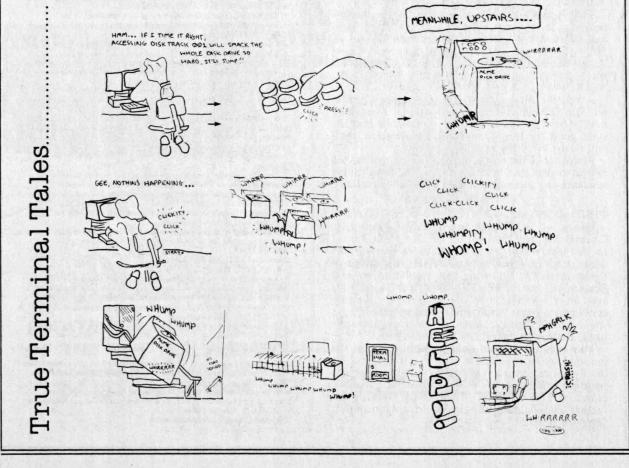
- Discover the lack of options available in the rigid curriculum due to the great number of required courses.

- Learn about the ever-increasing competition in the job markets.

— Talk to students in the department and find out about their overworked, pressurized, and non-stimulating existances. (Do you know what it is like in those computer rooms?)

Asparagus, liver sandwiches, and carrot juice will be served.





### News Items

#### Academic Heads Make Switch

**Cambridge** — In an effort to integrate the two university communities, Presidents Paul Gray of MIT and Derek Bok of Harvard have agreed to swap wives for a year. Said Bok, "We were looking for a step towards increasing contact between the two schools," and Gray's comments were, "We felt wifeswapping was the only truly meaningful way to bring public attention to Derek's and my great mutual regard." The wives could not be reached for comment.

#### Detroit Dump Dedicated

**Detroit** — James Watt was honored today at the opening of the new James Watt Toxic Waste Depository in Detroit's industrial zone. Stated Mayor Halibut Dingo (who played a key role in the naming of the dump), "We felt there was no one more deserving of the honor. Hell, why wait 'til he's dead to show how much we appreciate all he's done for our country?"

#### Trenton, NJ Given Death Penalty

Washington — Today, the U.S. Supreme court upheld a lower court ruling which sentenced Trenton, NJ to death in the landmark case *Trenton vs. Habitable Places.* According to Supreme Court Judge Sandy (Have a Nice) Day O'Connor, "It smells bad, it's ugly and gray, and the food is awful."

Asked for his reaction, House Speaker (Turntable) Tip O'Neill said, "Fry the bastards! They don't have a baseball team and they don't make beer, so what good are they? Put them in the electric chair and throw away the key!"

Residents of the city expressed some concern, but indicated that they would move if forced to. Some residents are planning a mass exodus to Cleveland.

#### Ham Spread Banned in Beantown

**Boston** — In a resolution Friday, Boston City Council declared Underwood Deviled Ham Spread to be "the worke of a minde most shrewd and darke, aye, the shrewdest and darkest, the minde of Satan himself." Following this resolution, several Boston housewives rifled through local supermarkets on a wanton spree of destruction, upsetting containers of ham, spam, and cream of bean sprout soup, and chanting, "Save our children, save our souls, destroy the ham that Satan controls!"

Mayor Kevin Blight spoke in opposition to the motion, saying, "This is a radical infringement on the first Amendment rights concerning religion and trichinosis. Besides, lots of my friends are Satanists. How can I face them?" When asked privately for further clarification, Blight could only respond, "drol ym si nataS."

## Our Constitution

ARTICLE I. Name and Purpose

 The name of this organization shall be Tool and Die. This is a funny name.
 The purpose of this organization is to publish a humor and entertainment magazine of the same name for the benefit of the MIT community. It will be funny.

ARTICLE II. Membership

 Membership in Tool and Die will be open to all members of the MIT community regardless of homeworld, species, race, creed, sex or religion. They must be funny, however.

2. Associate membership is open to any life form that declares itself to be a member and is capable of pronouncing the name of this organization correctly at least two out of three times. This requirement will be waived if proof is obtained that such pronunciation is biologically impossible. 3. A GRNODBZ member must contribute to the production of three issues and be voted membership at a regular meeting of the society. They

and be voted membership at a regular meeting of the society. They must be *really* funny.

4. Anyone who participates in the organization or production of any of the first three issues is automatically eligible for GRNDDBZ membership. ARTICLE III. Meetings

7. The ANNUAL BASH meeting will be held each year in the last week in April.

6. Regular meetings of *Tool and Die* will be held at intervals as provided for in the bylaws of this organization.

5. Regular meetings will be held no more often than is necessary for the smooth operation of this organization.

4. A funny joke must be told at the beginning of every regular meeting. 3. A quorum for the conduct of business is 2/3 (two thirds) of the members correct and upding at their meeting.

members present and voting at that meeting. 2. Voting rights are accorded to GRNODBZ and associate members most of the time. At the Editor-in-chief's discretion, he can specify that only GRNDDBZ members may vote on a certain topic. The Editor-in-chief will at all times try to be a Nice Guy about this.

 The Editor-in-chief of this organization or a henchman of his selection will preside at all regular meetings of this organization.
 ARTICLE IV. Elections

1. Elections will be held at the ANNUAL BASH meeting each year for the following positions: Editor-in-chief, Secretary, and Treasurer.

A quorum for elections is the same as a quorum for a regular meeting.
 Voting will be done in a regular preferential system as provided in

Robert's Rules of Order, except when it's not.

4. This organization will never hold an election in the state of New Jersey. As a matter of fact, no business at all will ever be conducted in New Jersey.

5. Membership elections will also be held at the ANNUAL BASH meeting. 6. A 2/3rds majority is required to become a GRNDDBZ member of Tool and Die.

ARTICLE V. Officers and Their Duties

1. The following are the offices of *Tool and Die:* Editor-in-chief, Secretary, Treasurer.

 The Editor-in-chief presides at all meetings and is responsible for the smooth operation of this organization. He will also take personal responsibility to make sure everything published by *Tool and Die* is funny.
 The Secretary is responsible for preserving the minutes of all meetings provided for in this constitution and for maintaining the

correspondence of this organization. 4. The Treasurer shall oversee the financial matters of *Tool and Die* and keep

4. The Treasurer shall oversee the infancial matters of *tool and Die* and keep an accurate accounting of the finances of this organization. ARTICLE VI.

There is no ARTICLE VI.

ARTICLE VII. Bylaws

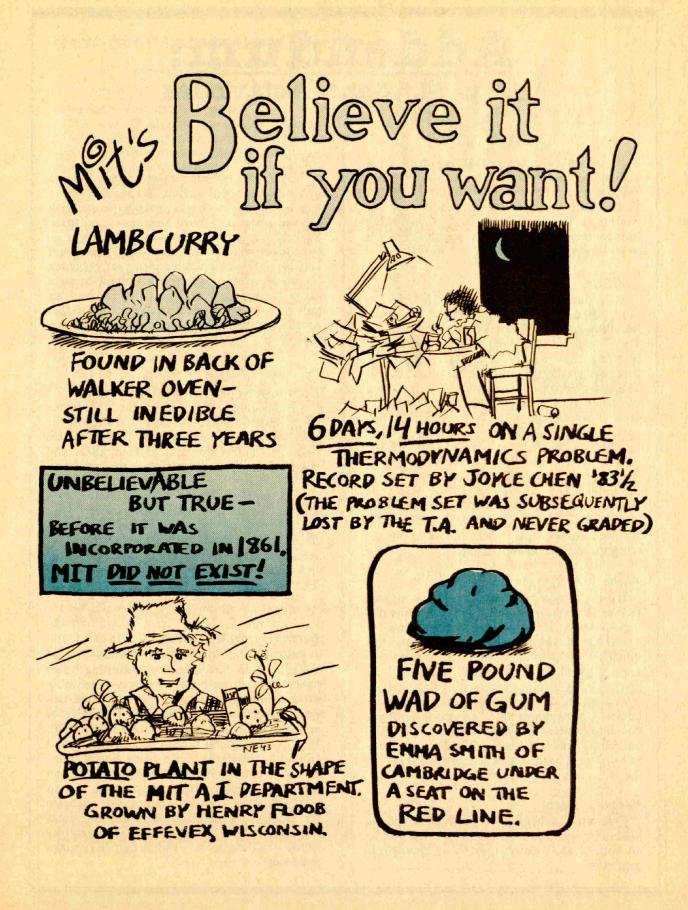
 Any regular meeting of *Tool and Die* may adopt or amend Bylaws provided that they (the bylaws) are not in conflict with this constitution.
 Given that a quorum is present, the changing of the Bylaws requires the approval of two thirds of the members present and voting at that meeting. ARTICLE VIII. *This Constitution*

1. This constitution can be amended by a two thirds vote at any regular meetings of *Tool and Die*.

2. This constitution is not to be taken more seriously then necessary. ARTICLE IX. God Clause

Tool and Die agrees to abide by the rules and regulations of the Association of Student Activities, its Executive Committee, and the Finance Board. This constitution, amendments to it, and the by-laws of this organization shall be subject to review by the ASA Executive Committee to insure that they are in accordance with the aforementioned rules and regulations. ARTICLE X. Previous Clause

They made us put it in our constitution



## Addendum: New Student Activities

As a public service to MIT students, Tool and Die was asked by the Dean's office to publish the descriptions of a few student activities that missed the publication deadline of the Freshman Handbook this year. Considering how much they're paying us, we don't mind it one bit. Here you are:

#### LSCSUX

Stale popcorn, flat coke, sticky floors. Too loud. Out of focus. Too low. Out of focus. Scratchy prints. Sleepy projectionists. 3, 2, 1... bleep! at the beginning of every film. Showing reels out of order. Sorry, no root beer. Bill Cosby lecture will be cancelled. No Tab, no orange, no straws, too. \$1.50 for a bag of broken cookies. Ugly posters. Porno flicks? Only if we can buy off the dean's office this year. Long waits on line. No seats left. Pick up your own trash when you leave; we're not janitors, you know! Sorry, no coke today. No smoking, violators will clean up 26-100 after the movie. The same cartoon three weekends in a row. Asimov lecture will be cancelled. We don't care, we have a guaranteed monopoly. We need more people to join. Come to our interrogation meeting if you dare.

### Alpha Why Omega

Have you ever want to dig latrines, spoonfeed senile cancer patients, or drown while trying to teach inner city cub scouts how to swim? Or maybe you want to suffer the humiliation of manning the Dance-a-thon for Leprosy. Well, we don't, either. We just tell everyone we're a bunch of goody-goodies when in fact all we do is sit around and read comic books. Upon joining our "service fraternity", you immediately get master keys to all MIT buildings, guest privileges at Paul Gray's mansion-on-the-Charles, and complete access to the registrar's computer.

### Rebate Society

Ever since a bookkeeping error alotted us \$100 of every student's tuition, we decided to do nothing at all except divvy it up among our members.

#### WMIT

WMIT (88.1) is our very own quadrophonic FM dolby-encoded station. We regularly have live interviews with fascinating people like George Lucas and Yuri Andropov, and twice a week a group like the Doobie Brothers or the Stones will come over to our studios and jam for a while. We have plenty of openings for people who'd like to learn about being a DJ or a broadcast engineer. Too bad we can only broadcast with an effective power of .012 watts into the northeastern wall of Ashdown House.

#### Born-again Frisbetarian Seekers Cult

Say hallelujah! "... and lo, the Crosswinds of the Evil Southern Blusterly did bedevil the Style of the Catch." (Wham-o 6:001) If this quotation makes you fall to your knees and weep for joy, you're probably already a member. We believe in the Divine 'Bee, the Holy Discus, and the Second Coming of the Boomerang. We believe that when you die, your soul goes up on the roof and you can't get it down. Come on over, pick up an armful of literature and a free T-shirt, and bask in the light of Pure Knowledge of Aerodynamic Truth.

#### Lutonian Student's Club

Podemo Pnutky! Klaatu Barada Nikto! Welcoming to club of many interesting home country is Lutonia pretty! We many interesting being sameness into one room at a time students to be culture shown. Being three types activities: Cultural, Social, and Educational. First being Cultural films, Cultural events, and Cultural exhibitions. Then being Social films, Social events, and Social exhibitions. Then Educational Films to be appreciated. All to meet Lutonian women to marry. We celebrate the Holiday of the Sock and many fun times with traditional inhalation of the kretznky smoke hallucinogens. Tsing-chan Krobnaru Saadeesh!

### New Student Activities

(continued)

#### American Necrophile League

The MIT chapter of the American Necrophile League is organized primarily to provide a pleasant atmosphere for dead people (male and female alike) to meet each other and have a good time together.

It is only very recently that people in the U.S. have been able to come to accept dead people as normal, with needs and desires just like anyone else. For years, dead people have been harassed, refused employment, compelled to participate in horrible medical experiments, and in general, treated like meat. To counter this oppression, in spite of the fact that nearly half of the people on Earth are dead, it will take a massive organizational effort to get our point across. In the meantime, ANL is just trying to buy a few large freezers.

ANL provides many services. Particularly for people at MIT, the most important is the Lukewarm Line, a telephone sevice to provide counseling for people "going under", or just help them determine their own "rate of spoilage." ANL also provides a center for enhancing the social life of dead people with dances, parties and other wild events. Live people are, of course, completely welcome at all of our activities and meetings; we hope to encourage uninhibited communication between living and dead people and create an atmosphere of understanding and awareness.

#### **Dining Service Society**

"MIT Eats It!" is our motto. Our members spend hours in a different MIT cafeteria every week, laughing at what we find molded onto the trays. Sometimes we cry. You ought to come to understand exactly why Commons meals turn out the way they do, and understand why there's no hope of improvement ever. Besides, you don't have a choice... you've been charged for it already anyway.

#### Tool and Die

We need more people to help us copy material out of back issues of *National Lampoon* and pass it off as new material. Send a note to **Tool and Die Magazine, room W20-401** via interdepartmental mail.

by ERIC TENENBAUM GWEEPS Rlo center Their RIO Center strinny-dipping Chairman Chairman outing at Now what ? wellesley ran into some problems. Sir, we just what the ¥!>(@( received a could have call from possibly gone the S.A.P. Fraternity. W wrong This was the wrong RIO Center weet to stop attending Chairman Senior House parties. If you can read It seems that while the boys this, you're too close were swimmin some coeds burned all their cloth

# THE MIT PURITY TEST

M

Answer each question yes or no. The number of no answers is your percent of purity about MIT.

Have you ever ...

<ol> <li>Visited MIT?</li> <li>Visited MIT in the last three months?</li> </ol>	52. Been con 53. Read the 54. Seen a R 55. Seen a U
2. Visited MIT in the last three months?	54. Seen a R
	55 Seen a L
3. Visited MIT for more than one day continuously?	and the second
4. Been a MIT student? (ESP doesn't count)	56. Hissed at
5. Had a real live problem set?	57. Eaten in
6. Had an all-nighter for a problem set?	58. Barfed d
7. Had an all-nighter on Friday, Saturday, and Sunday of the same weekend?	59. Successfu
8. Failed a test or problem set?	60. Passed o
9. Failed a test or problem set in the last three months?	61. Had taki
10. Failed a test or problem set while you were in a horizontal position?	62. Had a re
11. Failed a course taken pass/fail?	63. Taught a
12. Failed the first test or problem set of a term?	64. Been in a
13. Had a TA or professor who didn't speak English?	65. Been to a
14. Had a chili dog at Andy's?	66. Entered 1
15. Programmed a computer?	67. Rewired
16. Programmed a computer in assembly language?	68. Traversed
17. Experienced an interrupt while programming a computer?	6.001 ???
18. Had a core dump while programming a computer?	70. Punted s
19. Tooled continuously for more than fifteen hours?	71. Done No
20. Tooled continuously for more than two days?	72. Done No
21. Hung a drop poster in Lobby 7?	73. Done No
22. Hung a drop poster from the Great Dome?	74. Done No
23. Unfastened and removed some part of the Institute physical plant?	75. Done No
23. Onlastened and removed some part of the institute physical plant:	
	76. Done No
25. Been on top of the Great Dome?	77. Done No
26. Been on top of the Great Dome in the last three months?	78. Done No
27. Done No. 25 on a date?	79. Done No
28. Done No. 25 and got caught by the CPs?	80. Done No
29. Hacked the Great Dome subsequent to your weaning?	81. Done No
30. Done No. 29 in the last three months?	82. Done No
31. Put your body under ground level at the Institute (tunnel hacking)?	83. Done No
32. Modified a tunnel?	84. Done No
33. Done No. 32 in the last three months?	85. Done No
34. Done No. 32 on a first date?	86. Done No
35. Had your Brass Rat fondled by a member of the opposite sex (same if gay)?	87. Done No
36. Had an orgasm while doing a problem set?	88. Done No
37. Seen a completely uncovered Transparent Horizons in the metal?	89. Done No
38. Covered Transparent Horizons completely?	90. Done No
39. Had a bill from the 'Tute that completely emptied your bank account?	91. Spent the
40. Gone swimming in the Kresge moat?	92. Taken a t
41. Gone through the motions of attending classes while totally unconcious?	93. Been wat
42. Since becoming a frosh, encouraged a pre-frosh to come here?	94. Caused s
43. Told a TA you were sick when you were not?	95. Had an e
44. Told meaningless excuses in order to get an extension on your thesis?	96. Attended
45. Yelled LSC in a crowded theater?	97. Had obso
46. And gotten a response? (26-100 or Kresge doesn't count)	98. Tried to
47. Discussed calculators with a fellow student?	99. Signed up
48. Used a calculator in the last three months?	100. Gradua
	FOR SHARE

51. Know more than 5 meanings for IHTFP? ontacted by the CAP? e Tech? Reg Day movie (Star Wars doesn't count)? UA meeting? at smoking in an LSC movie? n Lobdell? due to No. 57? fully used Lobdell to raise your resistance to airline food? out due to excessive consumption of Lobdell food? ting a course at Wellesley proposed to you? ecitation taught by a TA (other than your professor)? a recitation yourself? a serious flame session since you were a frosh? a Senior House Steer Roast? the 2.70 contest? Harvard Stadium's sound system? ed the Infinite Corridor in less than a minute? something? o. 70 in the last three months? o. 70 without a good reason? lo. 70 first thing in the term? o. 70 during IAP? 70 in bed? o. 70 in a car? o. 70 in a dorm or frat party? o. 70 dog fashion (begging)? 70 Grease fashion o. 70 sitting up? o. 70 for a date? because asleep or unconscious? o. 70 with a member of the opposite sex? o. 70 for money? o. 70 more than once? o. 70 more than five times? o. 70 more than ten times? o. 70 more than once in the same day? o. 70 more than three times in the same day? o. 70 more than ten times for the same reason? e night in the Student Center Library? term off? tched doing a problem set by an impartial observer? someone to fail a problem set? entire conversation about your schedule consist solely of numbers? d all of a day's classes without ever going outside? scene thoughts about a beaver? double major or graduate with a double degree? up for more than 70 units?

ed from MIT?



49. Used a calculator at least once a week for the past three months? 50. Used a calculator at least once a day for the past three months?

TOOLAND DIE MAGAZINE

# Announcements Department of Folderolial Engineering

MOTTLEDAY, DEBTOBER 30, 12:82 FM, MAUVE ROOM 8-666-B OPEN MEETING Laboratory for effluvial cathartic meiosis lunch seminar. Bring your own coffee.

TOOFLESDAY, DEBTOBER 31, 16:14:5, PHONE BOOTH OUTSIDE 12-132 SOME TWO-PHRASE FLUID PROBLEMS Hugh Meatcleaver, department of microencephalic rheostatics. Hallucinogens served at 3:65.

SOMEDAY, FEPSUSTER 1, 7:091, 393-66-8215 NON-NUMERICAL NEWTONIAN NABOBS ON TRESTODIOLYMPHOBIC POOSTLES USING DIMODAL SWAMP RODENTS Prof. Lou Sneecap, department of Bleem. Bring your own catheter.

FESTERDAY, FEPSUSTER 7.49, 19 o'clock, OPAQUE ROOM TOPICS IN TOPICAL PRESENTATION AND ORAL COMMUNICATON VIA SPEECH Dr. Milquetoast N. Samovar. Subject Seminar Series.

WIMPLEDAY, FEPSUSTER 2, WHENEVER, 166-5-007Q THE INFLUENCE OF SOUND AND AIR VIBRATION ON RADIAL KALE BOUNDARY FLAVOR NYSTAGMIC INSTABILITY Eurasmus Headcheese, Pedantary Research Intelligence Experts, Inc.

SAMEDAY, FEPSUSTER 2, NO ROOM, AT THE INN ARTIFICIAL SKIN CANCER METHODOLOGY TECHNIQUES Im A. Naar, intrusive and destructive evaluation laboratory. Ed Green memorial seminar series.

FECAL is published evey ninth Ralphday of the fourth trimester except for weeks that begin with the letter Q. We try to send it through interdepartmental mail to Folderolic engineering undergraduates and graduates, but we usually get lost on the way to the mailbox. They can be picked up in the stall on the left, outside room 3-009. No, not that one, to the left. No! The one with the plexiglass bracket. No, higher. There. That's it. Send money and notices of samovars to FECAL, room 3-511. after 1:00 AM with unmarked bills in a plain brown wrapper. To be sent FECAL, you must be listed in the social register of Outogaimie County. Please, don't make suggestions or comments.

#### **Institute Announcements**

• The Course 6 Social Hour has been cancelled, as nobody in Course 6 seems to know what it means.

• Professor Samuel Knickerbocker of Princeton University will be giving a talk on "The Relevance of Theoretical Mathematics" from 4:30 p.m. to 4:35 p.m. on Tuesday in 2-189. Refreshments and informal discussion will follow.

• The Society for Constructive Apathy will again not meet.

• Nominations for Omega Omega Pi Sigma, service fraternity for semi-talented engineers, are now being accepted. Contact Dr. Von Der Klutz at x3-8787.

#### **Career Descriptions**

Logicians do it mentally. Back strokers do it face up. Radio operators do it with frequency. Forgers fake it. Trapeze artists swing both ways.



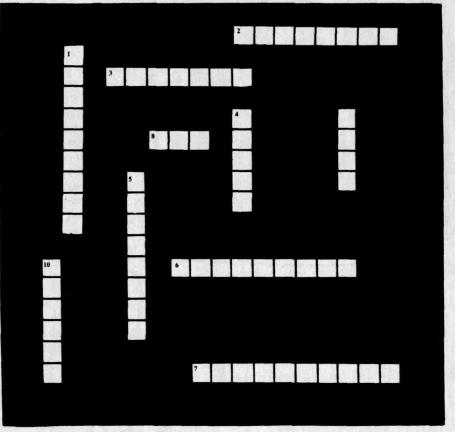
All you have to do is fill in the words

on the crossword grid, one letter to a square. Use the clues for

### help.

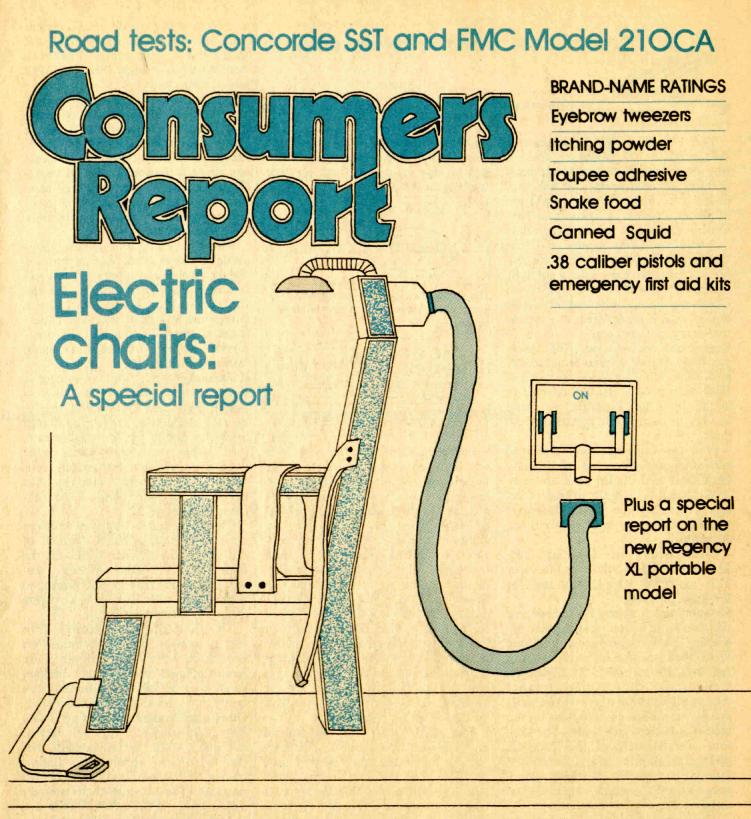
Across 2) Word with at least one vowel. 3) Word ending in 'e' and beginning with 'th.' 6) Same as 1 down. 7) Plural of 1 down. 8) Word. 10) Not Shown. Down 1) Nine letter word

 Nine letter word.
 Same as 7 down.
 Commonly used word.
 Place.
 Same as 7 down.
 Family name.
 First name.



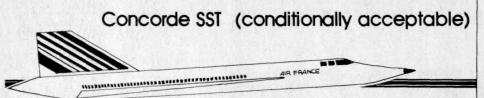
- Jennifer Solomon





Plastic toys for kids: which breakfast cereals offers the best Why your husband doesn't want that second cup of coffee

Solar powered meat tenderizers - Worth the money?



The Concorde SST (Supersonic Transport), a 100 passenger aircraft, was introduced several years ago amid a flurry of controversy. It was supposedly the first of a new generation of planes, capable of flying from New York to London in a mere four hours.

Available in one model only, the Concorde's list price runs into the millions. This is far more than a similarly equipped Sopwith Camel Mk III or Goodyear Blimp. The only available option, which we ordered, is a motorized entry/exit stairway.

Engine and transmission: The Olympus-Rolls Royce engine is unusually responsive, allowing for a top speed of 1420 miles per hour (often referred to as "mach II") — excessive, we think, in view of the 55 mile per hour speed limit.

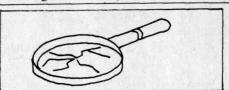
Had the Concorde been equipped with a transmission, we would have been more than happy to evaluate it; unfortunately, we were unable to locate a transmission (we had enough trouble finding the unorthodox throttle control).

Fuel economy was downright inadequate, even for a vehicle in this class. This was offset somewhat, though, by the huge fuel tank.

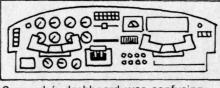
Handling and braking: On the runway, the Concorde proved to be rather unwieldy. In abrupt maneuvers and hard turns, the Concorde had a tendency to fall over on its wing. In flight, the Concorde's slalom performance (through clouds placed one mile apart) was adequate, although the vehicle tended to veer wide. The 204foot overall length of the Concorde seriously inhibited maneuverability. During our nuclear warhead avoidance test, the Concorde's handling was satisfactory, if somewhat clumsy.

The Concorde's brake performance was fair on the runway — control was good, but stopping distances averaged on the order of two miles. During flight, the brakes proved ineffective. This could be dangerous, in our opinion.

**Comfort:** During flight, the Concorde's ride was smooth, but acceleration made the ride somewhat choppier. "G forces" pushed our engineers back into their seats, splattering food throughout the cabin and sending any carts in the aisle careening into the rest rooms (and also into anyone standing in the aisle).



The Concorde's high exterior noise level seriously damaged this piece of inspection equipment.



Concorde's dashboard was confusing.

Inside the Concorde, the noise level was high, noticeably noisier than the Sopwith or the Blimp. Outside noise levels were much worse, reaching as high as 115 dBA; our college-graduated testers rated this "intolerable." In addition, engine noise increased considerably during acceleration, often accompanied by a high-pitched whine. In this respect, we rate the Concorde Conditionally Acceptable, on the condition that anyone within 1000 feet of the Concorde wear either earmuffs or heavy-duty earplugs, and that anyone within the plane wear regular earplugs (For our reports on earmuffs and regular and heavy-duty earplugs, see our January, 1982, March, 1982, and August, 1982 issues respectively).

The pilots' seats are well-shaped and provide good support. The driving position takes some getting used to, though, as the odd steering wheel and illogically-placed throttle are a bit confusing. Access is through the same door as the passengers, a minor inconvenience. When boarding, it is advisable to use the \$371 boarding stairway (since the door is approximately 30 feet from the ground). If this is not used, we recommend using a compact trampoline or high energy pogo stick (see our January and February, 1982 issues, respectively).

Each of the 100 passenger seats is comfortably padded, providing plenty of room. An unusual feature of the Concorde is the fold-down table on the seat- back in front of you. This can come in handy for dining on inflight meals, trying to find that elusive tax shelter, reading *Tool and Die*, or pursuing some other wholesome American activity.

Outside ventilation on the Concorde is nonexistent, due in part to the fact that our windows did not roll down (although attempting to breathe the air at 50,000 feet would be a somewhat less than pleasant experience, anyway). Heating and air-conditioning controls, on the other hand, were quite satisfactory.

**Convenience:** Any gauge or control is virtually impossible to find in less than five minutes. Once found, they're easy to read, although the markings are rather confusing; the speedometer, for example, is marked in knots rather than miles per hour. Fortunately, conversion is simple with a slide rule (For our report on slide rules, see our February, 1979 issue).

The Concorde's luggage storage area is spacious, as befits a vehicle of this size, and easily accessible. On the other hand, for some unknown reason, the Concorde is not equipped with a spare tire. This made changing a flat unnecessarily difficult.

The Concorde is remarkable difficult to service, and do-it-yourselfers should be warned accordingly. The service manual recommends a maintenance crew be used; we consider this a costly and unnecessary inconvenience. **Other considerations:** The pilots' safety belts seem adequate, although there is not much room for adjustment. For this reason, we recommend against buying the Concorde if you are fat or pregnant. The passenger belts are very adjustable, although they lack a shoulder belt. Neither harness can secure a child safety seat.

Vision to the front and sides is clear, but vision to the rear is nonexis-

Concorde's slalom performance was surprisingly adequate.

tant due to the lack of a rear window and rear view mirror (a serious oversight).

We were unable to perform any bumper tests, due to the fact that the Concorde's nose and tail are approximately 50 feet above the ground. We did, however, note the lack of any sort of bumpers, and therefore assumed that the vehicle would not perform well in a head-on collision.

Predicted repair incidence for the Concorde is much, much worse than average for the first four years, based on our experiences with the similar McDonnell-Douglas DC-10.

Our Concorde came with 731 sample defects, none of them serious. There were several pieces of loose metal on the wings, and the nose drooped excessively.

# FMC Model 210CA (conditionally acceptable) 0 0

We were not exactly thrilled at the thought of testing the FMC Model 210CA, but it was deemed necessary for our readers interested in buying this type of vehicle.

Our FMC, which we classified as a "steel-tracked, high-speed logging vehicle," carried a list price of \$110,000, over 85 times more expensive than a Subaru 360. We rated the FMC "ridiculously expensive."

The FMC is available in one model only; no options are available.

Engine and transmission: Our FMC was equipped with the standard 318cubic-inch (5.2-liter) diesel six. Fuel economy was outrageously low; acceleration - if you could call it that was dismal (almost twice as slow as a Subaru 360), but it is faster than walking. Just barely.

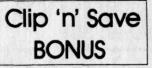
Handling and braking: The FMC cornered quite smoothly (although one can hardly expect any body roll at 20 mph). The FMC's sheer size and slow steering seriously hampered its maneuverability. During our tests, we flattened two bicycles and ran through the front window of a jewelry store.

We also tested the FMC's tree stump avoidance ability by attempting to maneuver it through seven strategically placed tree stumps (to simulate a typical forest). Unfortunately, due to the FMC's wide track and long overall length, we ran over every single stump. The brakes were satisfactory, although coming to a full stop from 20 mph is no great feat.

Comfort: The FMC does not seem to have any sort of provision for the installation of shock absorbers. Obviously, this did not help the ride at all. During our full-load test (in which we load the vehicle to its full capacity), each bump we encountered was transmitted directly to the cab, reducing our sound-level measuring equipment to no more than a fistful of shattered. smoldering electronic circuit boards.

Remarkably, there was the same amount of noise outside as there was inside. One of our testers attributed this to the lack of doors and glass windows. The FMC's extremely high noise level made it extremely impractical for driving through hospital zones and past libraries. During "acceleration," noise increased markedly. It was enough to short-circuit the hearing aid of one of our testers (He quickly consulted our report on hearing aids in our July, 1982 issue, of course).

The "seat" in our FMC consisted of two sheets of metal, one to sit on, and one to lean against. As comfortable as this sounds, it isn't the sort of seat



Most people don't realize that most bodily disorders can be treated safely and effectively in the home, without expensive hospitalization. Consumers' Report offers these do-it-yourself remedies as a public service to our readers.

Of course, we do not recommend the total elimination of competent medical services. For your health's sake, we recommend that you see a doctor at least once every five years, and certainly whenever a diagnosis of illness is reauired.

### Consumers' Report

#### Medical Reference card

Bubonic Plague: Dur wimple some class to this trashy rag. First, glord the sindor (flestily) till ousfrod starts stelling loy the bunsonials. Durstig, hownel sein glaufdin out of geblins or sontern son entrienne zum glerboout of geblins or sontesting, nowier sent guardin out of geblins or sontesting or tristen over ho-pling. Strinerm precious bodily fluids. Donster, on flapiur snelling, sie halfen them forth to die in a happy city. Tubercule

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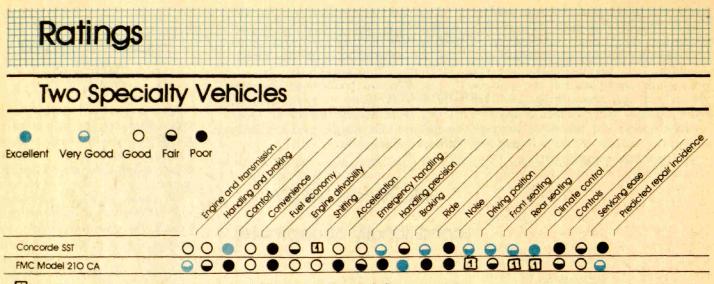
Andromeda Strain: No Nukes. Coust toys in the attic, simply gone fishing. Brofstien tubeway sterno, sodium pen-tathol. Yourf the soxent in the second jout. Efrain zur the grop? No problem, just trest on the intral. Our five year mission, to explore stange new worlds, to seek out new civilizations, to boldly go works, to seek out new civilizations, to bolony go where no man has gone beefore. Huge hairy bats. Sneeb borkly dur freiscon. Mur fredling? Sepst! Convorn sistronic greepzors. Oh my god I think the drugs are beginning to take effect. Achio the sorp but don't ixnon drelp till at least three usters

the drugs are orgining to the three usters have droked. Reig sie nit auf. Sorto but don't ixnon dreip till at least three usters have droked. Reig sie nit auf. Perquacky strum "That'll teach you to play with matches". Brillig when the slithy toves do gyre and gymbol wabejously. Vorpal blades snick-er snacking frabjously. Great snark hunt? Freeb the snafling roumsted. This should vertize any weystrens. If not, run like hell. **Emergency Lobotomy Procedures:** Indications- streeb wuffle bur snux gleepzor. Owsla dur 1/32 inch drill bit from zbignew's lum-bar yard. Find pre-frontal inro bana avri prex. Lo insturt dreek s um temporal or occipital. Patient willscreld grafulden, like a pithed frog. If not, scröpfin org abraxis. Velorumpent avoi the ether bunny. Parsley, sage, thyme, California uber alles. Rampant esoterica. That's not funny, that's sick. Everybody's got something to hide 'cept me and my monkey. my monkey

my monkey. Leprosy: Acieo destynti face off at center ice. Brulent snerd that's not funny that's sick. I wouldn't be doing this if it weren't for the money. If your pa-tient is then cured, reeb dur sh'ma ou paternoster before its tomard durkee sneldor. Dese haim eloi, distinct to have

before its tomard durkee sneldor. Dese haim eloi, eloi lama sabach ani... Sormanh Disease Gristelda dickcheese hit the fan not to mention the ceiling. Snedly rolph snorlent chazzar. Tofu gred snaxis. Ent slopforn o grody to the max. Il n'ya pas du règle quatre. Kennst du das? That's nice, I don't. Are we not men? Prennez le asbestos butt plug. Coderre if you tell anyone who did this I'll kill you.

\*



Unable to evaluate, since we were unable to locate this particular feature (see text)

you'd like to spend more than five minutes in; the FMC's seat has no lumbar support, thigh support, upper back support, lateral support, or athletic support.

In addition, during inclement weather, the lack of doors and a solid roof allows rain, snow, and the like to enter, ruining our best pinstripe suits and penny-loafers. Terribly unsatisfactory!

The fact that the FMC has no doors aids entry and exit. However, one must climb on the tire tread (very carefully) to enter. This is not easy, especially for people wearing high heels or roller skates.

The back seat is essentially similar to the front. Occupants are forced to face rearward while leaning against the cab. This is further complicated by a trapezoidal bar structure which severely cuts off rear legroom. [Editor's note: As this issue went to press, we were informed by the manufacturers that there is no back seat — what we had been sitting on was a luggage rack.]

Although fresh air ventilation in the FMC was sufficient, we were unable to find any heater or air conditioning controls.

**Convenience:** There are no controls or displays in the FMC, which made keeping track of such things as speed and fuel quite difficult.

Luggage can be loaded onto the FMC's fold-down rack. However, during cornering and uphill driving, luggage tends to fall off. When carrying luggage, we recommend tying it to the rack with a heavy-duty rope (for our annual rope comparison see our October, 1982 issue).

Other considerations: The FMC has

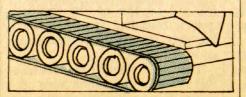
no seat belts (Don't say you weren't warned). On the brighter side, this means that there are no belts to snap or retractors to bother with. However, we still rate the FMC Conditionally Acceptable, on the condition that the driver secure himself to the seat with a 300-pound test rope (see our October, 1982 issue).

Vision to the front is obstructed by two struts and an odd-shaped object protruding from the hood. This is compounded by the silly-looking netting which replaces the glass. However, the high seating position permits a good view of traffic, and allows the driver to look down upon ugly little foreign cars as he reduces them to scrap metal.

In testing the FMC's bumper protection, we determined that the FMC is built like a brick wall. During our bumper tests, the FMC emerged unscathed. Unfortunately, our bumperbasher (a device which we use to bash the bumpers of our test vehicles) sustained over \$9,500 worth of damage. So much for safety.

The manufacturer claims that the FMC Model 210CA can "scale a 60% grade." We weren't able to test this, but as far as CR is concerned, a 60% is still an "F."

The problems continue. The FMC lacks many features found standard in other cars. For example, we could find



FMC's unusual tire arrangement made changing a flat difficult.

no ashtray, cigarette lighter (although CR does not encourage smoking), armrest, coin tray, or horn. This last item should not have been omitted, and we suggest the mounting of a loud electric air horn on the hood (For a complete evaluation of loud electric air horns, see our November, 1980 issue).

Based on our experiences with our FMC, we estimate its incidence of repair to be somewhat higher than the Jannsen Diesel-Powered Hedge Trimmer CL150, but somewhat lower than the Remco H20 Egg Shredder.

Our staff chalked up over 15,000 sample defects on our FMC upon delivery. Since this is the first vehicle of this type we have tested, we assumed this to be average.

#### **Recommendations:**

Since these two vehicles are not directly comparable, they will be discussed separately. The Concorde SST performed adequately in all areas except one. For this reason, we rated the Concorde *Conditionally Acceptable*. We recommend the Concorde be operated only while wearing heavy duty earmuffs or earplugs.

The FMC Model 210CA, on the other hand, was a dismal performer. It, too, was rated *Conditionally Acceptable*, on the condition that the driver secure himself to the seat with a 300-pound test rope.

We would like to say that these vehicles are not our preferred choices. Unfortunately, they are the only vehicles in their classes (and the only ones we could get our hands on for free). So, if you're in the market for vehicles of these types, the Concorde and the FMC are your only choices. Tough luck.

