Black Market on Options Revealed; JP Heads Mum on Questioned Sales

Tech Flying Club President Quits; Finances Questioned

Tech Blast Overflows Walker; Guitars and Ginsberg Flourish at Weekend Affair
**Sweeping the Greeks**

Justice has been brought to bear upon members of the fraternity system who violated their rushing privileges this past spring. Several houses have been fined or otherwise punished for dirty rushing. We can say no more; our lips are sealed by an IFC Investigating Committee by-law which does not permit the naming of rushing violations outside the fraternity system.

Everybody wishes this system does know, however. The nature of the fine and the fine imposed were announced at the last IFC meeting.

The Inter-Fraternity Conference has a perfect right to handle its own judicial matters, and, if they choose, to keep the penalties private. The decision at the last meeting fulfilled one class of penalties which are for publication so fraternity members may know of the general scope, if not of the specific case. Only the group of penalties which could open the violations for general publication, but this is its business, not our business, of rushing malpractices.

We feel, however, that any publication of this nature is not but a hypocritical gesture that opens the fraternity system to criticism, since no fraternity system deals in the light of past few years happened on a national level. In effect it admits fault in the past of some members of IFC, but is, we feel, the IFC: errors in honesty and judgment are hidden from the outside world. General publication would certainly bring some condemnation and fingers pointing, but the guilty just as certainly warn this critical notion. No judicial system in this country will reveal its decisions to a certain select group alone and will not disclose its fine list. To sell off its own members on discipline and punishment in fraternities implies that this IFC is trying to present a falsely cleaned slate to the public, trying to hide its members' errors from outside analysis and comment.

Any group which uses this shallow disguise is in a vulgar position. We strongly advise the IFC to be more realistic. Should they remove this regurgitated aura of a shielded ingrown group, every house would feel that a violation of house practices would not only harm his status among other fraternities, but also be detrimental to the reputation of the fraternity system as a whole.

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**Discipline Ruled**

At last Friday's press conference, Dean Rule announced that four MIT students who were apprehended stealing telephone headsets by civil authorities have been placed on probation, both by the school and by the civil courts.

We believe that publication of such action, which has not been the practice in the past, is a good idea; it can do no harm and can also create a broader awareness of the actions of students and disciplinary procedures. We respect the Dean's office for its decision to change this aspect of punitive operation.

This case was also well handled; it received consideration from both student leaders and administrative and faculty members. We hope future cases of this nature will receive the same type of homogeneous consideration.

As Dean Rule has always emphasized, every case must be handled individually. Several issues ago we suggested an area of discipline between probation and expulsion. Although probation, which here means talking with Dean Spice at frequent intervals, was used alone in this case, we concur that it is probably sufficient since the violations are also involved in courtroom proceedings (the case has been continued until May 7th).

We hope that consideration of disciplinary action will continue. With both administration and students participating in discussion of this touchy matter, a more effective means of handling misdemeanors cannot help but evolve. Evidence of positive development has been clearly shown by the treatment of this most recent case.

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**The Tech**

Covered so many class matters at the press office as Dean, ^^Mannenberg,^^ and the men in the dark in the back. William A. Cahn is this week's departing editor. He has been with us for six years. Puja Tatnayak is this week's departing editor. He has been with us for six years.
SPACE, MISSILE & JET PROJECTS AT DOUGLAS have created outstanding career opportunities for SCIENTISTS and ENGINEERS with or working on advanced degrees

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Get full information at PERSONAL ON CAMPUS INTERVIEWS Wed. & Thurs., Nov. 4 & 5

We urge you to make a direct contact representative through your placement office. If you cannot do so, please write to

Staff Assistant to VP Engineering

DOUGLAS AIRCRAFT COMPANY, INC.
3000 Ocean Park Blvd, Santa Monica, California

A Campus-to-Career Case History

Engineering of microwave relay and carrier systems keeps Bryan Clinton’s job interesting and challenging.

“I got the engineering career I wanted … and right in my own home state”

In 1954, William Bryan Clinton, Jr. got his B.S. in Mechanical Engineering at Clemson College. Now Bryan’s with Southern Bell Telephone and Telegraph Company at Columbia, South Carolina. He’s doing specific planning of long distance communications projects involving cable carrier facilities and microwave radio relay systems.

Bryan chose a career with Southern Bell over several other offers. “There were three things that were most important to me,” he says. “First, I wanted to go to an established, growing company where I could grow, too. Second, I wanted a challenging basic training to get started right, plus participation in development programs to keep me moving ahead. And, third, I wanted to stay in the South.”

Bryan Clinton earned a B.S. degree in Mechanical Engineering. He’s one of many young college men who are changing their plans for rewarding careers with the Bell Telephone Companies. Find out about opportunities for you. Talk with the Bell Telephone interviewer when he visits your campus—and read the Bell Telephone booklet on file in your Placement Office.

Surprise Entry Possible

JP Queen Contest On

JP Queen contest nominations already well under way, the Public Relations Committee urges that names of the following be selected by your group. ANT Junior may elect his date in the nominating by obtaining a nominating blank in Building 10 and bringing it with a 4 x 5 portrait to the latcheted Johnethylene be-come Friday, October 26 at 8:00. These pictures must be larger, but must be of studio portrait type.

The activity contest will be run from October 26 through October 30 and the entire student body will have the opportunity to elect five finalists. The Queen to reign over the JP-weekend activities will then be selected from these final- list by the JP committee. Details of the contest are being handled by Dave Stare, ’60.

And a word from a very reliable source — watch for a startling entry.

The contest rules state any date of a junior (male or female) may be entered.

Twelve Russians to Visit MIT At Their Request Next Month

Twelve Russian students will visit the Institute during the first week of November. This visit is a specific request on their part; when arrangements were made for their U. S. tour, they asked to see MIT. This request will be met, as far as security precautions will allow.

While they are in the Boston area, the Russians will be guests of the Crimson Key, a Harvard student group. During their stay, the Junior Honor-Society will take charge of them when they are at the Institute, which will be on either Monday, November 2nd, or Tuesday, November 3rd. Besides the tour, a farewell at Graduate House has been planned for them.

Beverly Keay has no information at present as to the nature of the visitor’s plans, other than that they are con-fined to some part of student activity in the Soviet Union. Accor-dingly, it has not yet been decided whether they will meet with student or with faculty; this will be decided as time and interests of the visitor are determined. The last time that MIT played host to Russian visitors was in the Spring of 1958, a group of student editors was expected; the individuals who came, however, were too few to number. They averaged thirty years in age and were professors, editors, or publications for students.

The Tech to occupy Third Floor

Activities Plan Moves in Walker

A wholesale move of organizations in Walker Memorial is in the wind, depending upon Institute approval.

Present plans call for the Tech to occupy the area on the second floor now being used by TCA, which will move into Tyler Lounge, previously occupied by the Athletic Association. The AA has already moved to the new David Flitt DuPont Athletic Center. Upon completion of the Tech offices, the Tech Staff will move in as well Alpha Phi Omega and the Lecture Series Committees. LIC, however, will keep its present offices as a world area.

Dean D. Hitter, holder of a second floor office, will move into an Institute office. The Debate and Finance Committee will share the Finance Com-mittee’s present offices while the Tech Staff office will be used as office space for temporary committees.

Type written of the proposed change has not been made, pending Institute approval of the plans.

Senior House Holds Pep Rally

The football team of Senior House and supporters held a pep rally on Saturday before the big game against Pa University.

The rally started at midnight when the players, after a brief session, started an open fire to pep up their spirits. Gathering supporters, they made their way to the Great Court.1 The rally at midnight was the biggest ever at MIT, and they took advantage of it. Residents in Holmes, Runkle, Atter-son, and Straw, aroused by the reality of the upcoming game, shivered encouragement. Commerce material was burned into the fire raised from all floors and voices were made everywhere or fur further fuel. One unfortunate resident of Runkle was wakened as a big and was nearly thrown into the fire.

One immediate resident of Runkle raised his shoe and pointed it at the players. He asked to see IIT. This request was met, as far as security precautions will allow.

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RESEARCH ENGINEERS: THE MEN BEHIND THE HEADLINES
NAA's On-Campus Interviews October 22nd, and 23rd

EVEN EVERY DAY you read of another advance in science...whether it's a space vehicle streaking toward Venus or a submarine gliding beneath the polar ice.

These are the crafts that make headlines...but even as they are announced to the world, engineers and scientists are planning new and greater breakthroughs—and research shows them the way.

Scientific research always has had an important role at North American Aviation. Today, research projects are underway in more than 160 laboratories in the six North American divisions. They encompass the full scope of modern science.

In air or steel still there!
Not all research has the headline appeal of a space ship or missile power. For example, research engineers at the Autocentric Division, which designs and manufactures guidance and navigation systems, found new and different ways of protecting missiles, satellites and space ships from burning when they re-enter the earth's atmosphere.

A cigarette's place in research
Even the ordinary cigarette has a role in scientific research. Scientists at the Aero-Space Laboratories, an organization encompassing the full scope of modern science, have delved into the chemistry of propellants, the physics of engine components and what happens within them, ignition of fuels, combustion of fuel and the transfer of heat.

2,000 mph manned weapon systems
The Los Angeles Division is the home of state-of-the-art manned weapon systems, the North American B-36 and the upcoming B-52. The X-15, research engines in this division investigate maneuver factors, structural fatigue, thermal properties, materials and processes, and thermodynamics. They also work with physiologists, biotechnologists, bioengineers and psychologists to solve design problems concerning human capabilities and limitations that arise from modern weapons and research systems.

Building better Navy aircraft
Analysis of aircraft carrier operation is a major research project at the Columbus Division. This division designed and built the Navy's EJ Bucky Brandt trainer and the Navy's supersonic, all-weather AJ Vignola. Research activities are diverse here—from how to illuminate an aircraft cockpit to designing new unmanned vehicles and systems to perform within the earth's atmosphere.

Developing the peaceful atom
The work at the Atomics International Division of North American is part of a large national research effort aimed at the peaceful atom. Success in the development of economical power from the atom depends on thousands in each phase of atomic power systems and their materials of construction. North American international research reactors are in service in Japan, Denmark, West Germany, West Berlin and Italy.

Opportunities for college graduates
Today at North American there is outstanding opportunity for young engineers who want to share the unusual creative problems that face science. You can rapidly build a sound foundation for young engineers and scientists who want to share the unusual creative problems that face science. You can rapidly build a sound foundation for young engineers and scientists who want to share the unusual creative problems that face science. You can rapidly build a sound foundation for young engineers and scientists who want to share the unusual creative problems that face science. You can rapidly build a sound foundation for young engineers and scientists who want to share the unusual creative problems that face science.

Wilson Fellowships To Be Nominted
Nominatees are now being made by members of the MIT Faculty of candidates for the Woodrow Wilson National Fellowships for 1960-61, it was announced last night.

These Fellowships, which are given for the first year of graduate study, carry a basic stipend of $1,000 plus tuition with additional dependency allowances for candidates who are married, it is expected that about 1,000 such awards will be made for the coming year.

The Fellowships are designed to support students interested in careers in college or university teachers in the humanities and social sciences, although some candidates in the natural sciences will also be selected. While students cannot apply directly for these Fellowships, they must be nominated by faculty members.

Three candidates for the Fellowships are available at all appropriate departmental headquarters. If nominated, an MIT candidate who is also a member of the MIT Faculty must file an information form by November 15 and all supporting materials must be received by December 1.

Final screening interviews will probably be held in early January.

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A grouping of 24 specially selected color combinations.
Jaffee Announces Field Day Rules Special "X" Event to Be Held

A special "X" event is expected to provide a real challenge to sophomores trying to retain their Field Day championship, according to Ira Jaffee, Beaver 27, president. The nature of the contest, which will not be announced until minutes before it is to be held, is designed to keep more experienced planing from dominating the
day.

Field Day, held as part of JP Weekend, will begin at 1:00 P.M., Novem-
ber 7, with the launching of boats for the boat races at 1:30. The boats, upon which a maximum of 50 dollars may be spent, will be entirely wind powered and each carry either a freshman or sophomore flag, as the case may be. The

race course will be 160 yards down the Charles River, around a buoy, and back to the starting line.

Following the race, the field events, to be held on the rugby field at Briggs
Field, will begin. At 2:00 the tugs of war will be held. Two contests are defin-
ed to the starting line.

The "X" event will then follow at 2:30. Upon its completion, the final event
day, the glove fight, will commence. This Field Day, however, any
game without a glove on is out of the contest. This precludes any mass con-
centration and defense of gloves as happened last year.

Scoring of the events will be as follows: 40 points for the winning boat in
the boat race, 60 points for the glove fight, and 25 points for the
tainment of aircraft and engines, and theory of flight.

The instructors of this ground school are professional
weather forecasters and meteorologists who give freely of
their services to the Civil Air Patrol.

The club sponsored ground school covers such topics as
weather, navigation, Civil Air Regulations, ground han-
ding of aircraft, General operating procedures, construc-
tion of aircraft and engines, and theory of flight.

The entire course will take at least a term and a half.

The final examination in the course is the Private Pilot's
written Examination which must be taken by all pilots
before they can take passengers. Anyone may take this
course which is completely informal, no credit offered and
no cost involved.

The Luscombe 8A is an attractive two-place airplane,
much better than what an airport would train you to. It
is equipped with radio and primary panel. The plane is
kept in excellent shape by the professional mechanics at
Bedford Airport. The plane is based at Beverly primarily
because student pilot members, just learning to fly, are
not bothered by jet and heavy, multi-engine aircraft that
operate out of Bedford airport, which was another field
we considered. Also, the instruction rates are two dollars
an hour less than at Bedford.

Aero Tech's instructors are the same ones that give instruction to ROTC personnel
on flying status and are really top notch.

For complete information about Aero Tech call
CO 7-612 or come to the next meeting October 26, in
rooms 56-215 at 6 P.M.; just after general school.
En-
freshmen will be served and an interesting film shown.

A General Motors representative will be on campus
October 26, 27, 28.

Contact your college placement office to arrange an interview.
Before the Alcoa recruiters get here, this word...

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Soccerroo Blank Middlebury 2-0
Face Tough Crimson Team Today

Saturday a strong Beaver soccer team blanked Middlebury at their home field, 2-0. After being outplayed in the first period, the Techmen, through a series of powerful goal efforts, went on to lead the scoreless contest. 

Ken Evans, '60, kicked one in at 7:30 of the second period on a fine assist from frontman Andy Diliu, '60. George Easton, '60 and Mullen also added much to the team's effort throughout the play.

After getting off to a slow start, the varsity soccer team has won three straight games against WPI, Tufts and Middlebury, all by shutouts. MIT's next encounter, today at Harvard, should be the true test.

Runners Downed By
UNH Last Saturday;
Oliver Places Sixth

The varsity cross country team fell seven points to the undefeated University of New Hampshire runners last Saturday afternoon at Franklin Park in Boston. The meet marked the second dual meet for the UNH runners, who had already defeated Maine, pre-season favorites for the Yankee Conference title, as well as powerful Rhode Island.

Co-captain Dan Oliver, '60, led the Tribe to victory by placing sixth in 21:48 over the 4.1 mile course. Oliver also added much to the team's effort throughout the play.

An announcement of importance to
ENGINEERING AND PHYSICAL SCIENCE MAJORS

Lockheed Missiles and Space Division is engaged in one of the broadest spectrums of scientific exploration in the country. The Division has complete capability in more than 40 areas of technology — from concept to operational development.

Diversity of the work areas is typified by the programs in such fields as: magnetohydrodynamics, space medicine, oceanography; sonics; propulsion and exotic fuels; metallurgy; advanced systems research; manned space vehicles; re-entry systems; optics and infrared; electromagnetic wave propagation and radiation; electronics; physics; chemistry; mathematics; computer design; aerodynamic and thermal dynamics, test and design and operations research and analysis.

PROJECTS—Current major projects include the Navy POLARIS Fleet Ballistic Missile; the DISCOVERER program; MIDAS and SAMOS, Air Force Q-5 and X-7 and the Army KINGFISHER. PROJECT MIDAS is an early warning infra-red system against ballistic missile attacks. Based on the use of satellites, PROJECT SAMOS is designed for the development of an advanced satellite reconnaissance system. DISCOVERER, MIDAS and SAMOS are programs of the Advanced Research Projects Agency under the direction of the Air Force Ballistic Missile Division with Lockheed as systems manager.

An announcement of importance to
ENGINEERING AND PHYSICAL SCIENCE MAJORS

LOCATIONS — You have a selection of two of the choicest living areas in the country at Lockheed. Headquarters for the Division is at Sunnyvale, California, on the San Francisco Peninsula. Research and development facilities are located in the Stanford Industrial Park at Palo Alto and at Van Nuys, in the San Fernando Valley of Los Angeles. Testing is conducted at Santa Cruz and Vandenberg AFB, California. Cape Canaveral, Florida and Alamogordo, New Mexico.

Together, the Division’s facilities occupy more than two million, six hundred thousand square feet of laboratory, engineering, manufacturing and office space and provide the largest in technical equipment, including one of the most modern computing centers in the world.

OPPORTUNITIES FOR ADVANCED EDUCATION — For those who desire to continue their education and secure advanced degrees Lockheed maintains two programs. The Graduate Study Program permits selected engineers and scientists to obtain advanced degrees at the company’s expense while working part time at Lockheed. The Tuition Reimbursement Program reimburses fifty per cent of the tuition for approved evening courses for salaried employees who are working full time.

SPECIAL CAMPUS INTERVIEWS

Members of our technical staff will be available on campus for personal interviews on

NOV. 2-3

For appointment, please see your Placement Director now.

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New high style! Low, low cost!

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An announcement of importance to
ENGINEERING AND PHYSICAL SCIENCE MAJORS

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Page 7
SYMPHONY HALL, Fri Nov. 6, 8:30 P.M.
SARGENT-HOLLAND presents
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Tickets Now — $4.50, $3.50, $2.50, $2.00, $1.60.

Humble will interview on the Campus
October 22 and 23

Interviewing teams from Humble Oil & Refining Company will be on the campus October 22 and 23 to interview students graduating in chemical engineering at advanced degree levels only.

Engineers and scientists at Humble share in the dynamic progress and growth of a leader in the petroleum industry. Humble is one of the leading producers of crude oil in the United States and is a completely integrated oil company. Humble’s Baton Rouge Refinery, one of the largest in the world, is engaged in Refining and Petrochemical Manufacturing. Research centers in Houston, for development of better methods of exploration and production, and at Baytown, for research in manufacturing, are making valuable contributions to the petroleum industry.

A Quick Look at the Humble Company

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New cigarette paper "air-softens" every puff!

Now even the paper adds to
Salem's springtime freshness!

NOW MORE THAN EVER

Salem refreshes your taste

The Tech
TUESDAY, OCTOBER 20, 1953

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