



Minutes of the National Association of Rocketry Board of Trustees Meeting

Preliminary draft pending NAR Board vote of approval.

August 6-7, 2009 at NARAM-51, Johnstown, Pennsylvania

The National Association of Rocketry Board of Trustees convened at 8 PM Thursday, August 6, 2009 at the host hotel for NARAM-51 at Johnstown, PA. The following Board members were present:

John Lyngdal
 Trip Barber
 Ted Cochran
 George Rachor
 Jennifer Ash-Poole
 John Hochheimer
 Vince Huegele
 Absent: Stew McNabb (joined by conference call Friday)
 Joyce Guzik (joined Monday)

Motion by John Lyngdal – seconded by Vince Huegele. Passed unanimously.
The minutes of the previous meeting of the Board of Trustees (NARCON 2009 at Wethersfield, CT) shall be accepted.

The Board then entered Executive session for discussion of the BATFE lawsuit fee-recovery action, the status of the hobby rocket industry, and NAR personnel matters. The Board came out of executive session at 9 PM.

The Board reviewed the list of open actions on implementation of decisions made in previous Board meetings and agreed to remove the following items from that list:

- Consider publishing a rocketry handbook (paper version) for consumer sale. Reason for removal: the business case evaluation by Periodicals Committee indicates a low probability of economic success due to the rapidly shrinking number of hobby shops in the US.
- Develop NAR mission statement. Reason for removal: action completed, now posted on NAR website.
- Develop a method by which Sport Rocketry subscriptions can be offered for sale to libraries (only). Reason for removal: action completed, agreement signed with ESBSCO (a supplier of subscriptions to libraries).
- Select a new commercial association-management software system for implementation at NAR headquarters. Reason for removal: action completed, contract signed with Neon. Addressed in Technology Committee report.

NAR Member Concerns.

Membership Lapses. In response to numerous member-identified issues concerning personal hardship during the current recession and war, the NAR Executive Committee on June 7 approved an amendment to the previous NAR policy on how long a former member could lapse their membership before losing their high-power certifications or their eligibility to vote in NAR elections under the Bylaws provision that requires a year of membership as a prerequisite to voting. The previous policy had been that this lapse period cannot exceed one year regardless of circumstances. The amendment recognized that NAR members have been experiencing job losses and extended overseas deployments to the war at unusual rates recently, situations which were not in effect when the original policy was established. The Executive Committee's amendment language is indicated in bold text after the text of the previous policy:

" Those members who temporarily let their NAR membership lapse, upon renewal within a year of that lapse, shall be credited with prior years of membership for purposes of eligibility to vote in NAR Trustee elections, and for purposes of maintaining previous high-power user certifications. **This period may be extended to two years for members who**

have experienced severe personal economic challenges such as job loss, or for members who have been deployed overseas for wartime service."

Motion by George Rachor – seconded by Jennifer Ash-Poole. Passed unanimously. The action taken by the NAR Executive Committee shall be approved.

Sport Rocketry Magazine Alternatives. Robert Gustin and Phil Karn both asked that the NAR consider offering memberships at a reduced price either without Sport Rocketry magazine service, or with an electronic-only copy of the magazine. The Board noted that the Bylaws make the magazine the "official journal" of the Association and require that certain things be made known to the membership through such a journal, and further noted that the NAR already sells the magazine in electronic form, via CD from NARTS with a full year's worth of issues – with a two-year delay so as not to cannibalize membership subscriptions. The President noted that the recent survey of all current NAR members indicated that they overwhelmingly opposed elimination of the magazine as a membership benefit. The Board was concerned that actions which reduced the paid subscription base of the magazine would require the large fixed portion of its publication cost to be allocated over fewer subscribers, raising the per-person cost to those remaining subscribers, and that reducing subscription numbers would reduce the rates that advertisers would be willing to pay for the advertisements that cover about 25 percent of the magazine's publication costs. The Board declined to change current policy.

Igniter Safety. Ken Montayne asked the Board to consider expanding the charter of the Standards and Testing Committee to include safety-certifying igniters in addition to rocket motors. He expressed concern that the Quest "Q2G2" igniters, which have a very low firing current, pose a safety hazard to rocketeers who may use them in launch systems that use relatively high current levels for continuity test (such as with continuity lights). The Board noted that, unlike rocket motors, there are no National Fire Protection Association standards for igniters to use as a basis for such safety certification. The Board further noted that these particular igniters come with very explicit instructions on what types of launch systems to use them with and warnings concerning using them with systems that use continuity lights, and that if followed these instructions preclude the safety hazard that Ken described. The Board declined to change current policy. The President said that he would put a short article in the "Safety" section of a future issue of the Electronic Rocketeer emphasizing the importance of actually reading and complying with manufacturer safety instructions.

Reciprocal Certification Recognition with Australia. Maurice Laffin, President of the Australian Rocketry Association, requested that the NAR Board consider extending to that organization the mutual recognition of high power user certification that the NAR currently has with the Canadian Association of Rocketry. The President advised the Board that he had determined that there were multiple rocketry organizations in Australia, with none currently recognized by the Australian government as the official national organization, and that these organizations were hostile toward one another. He advised the Board that official recognition of one could potentially cause the NAR to become embroiled in this internal Australian dispute. The Board declined to change current policy.

Volunteer Reimbursement. Ryan Woebkenberg requested that the NAR Board consider offering some form of expense reimbursement to a particular NAR volunteer who travels to launches and provides a self-initiated service valued by a number of members. The Board noted that no NAR volunteer (including Trustees) gets any NAR reimbursement for the expenses that they incur in traveling to NAR events, and that any change in this policy would have to be applied uniformly rather than only to specific individuals. The Board declined to change current policy. The President said that he would provide public commendation for more of the volunteers who provide national services valued by the members.

Altimeter Testing. Bob Kaplow requested that the NAR Board shift responsibility for approval of specific altimeters for competition use to the Standards and Testing Committee and away from the Contest and Records Committee, due to the technical nature of the process of verifying altimeter accuracy. The President tasked Standards and Testing to develop and proof-test a technical test protocol for altimeters, to see if ground-based testing of these software-driven pressure-sensing altimeters was feasible to do. The issue will be considered formally at a future Board meeting, once it is determined if there is an accurate way for Standards and Testing to do such technical testing in place of the current method of altimeter approval, which is based solely on a review of manufacturer technical documentation.

Response to Membership Survey.

The Board reviewed the status of actions taken to date in response to the August-September 2008 online survey of NAR members, to which 1,211 NAR members responded. A significant number of actions in response to member feedback that had previously been directed by the Board and tasked to specific individuals or committees for action have already been completed. The Board's review at this meeting resulted in specific ideas for potential further action that were then addressed during the Board's subsequent reviews of the particular committees where such actions might be taken.

The Board meeting was recessed at 10:30 PM on August 6 and reconvened at 8 AM on August 7.

National Events.

Committee Chairman Ted Cochran presented his report in person. Ted reported that NARCON 2009 and NSL 2009 both went very well and made modest profits. The NAR's 1/3 share of these profits was \$206 for NARCON and \$1252 for NSL. NARAM-51 is well-organized and has good flier participation and manufacturer trophy support. All three national events for 2010 have been awarded:

- NARCON 2010 for March 12 - 14 in Worcester, MA with CMASS section as the sponsor and Bill Spadafora as Event Director.
- NSL 2010 for Memorial Day weekend in Alamogordo, NM with FLARE and SMRA sections as co-sponsors and Jim Bassler as Event Director.
- NARAM-52 for July 30 - August 6 in Pueblo, CO with Peak City section as sponsor and Mike Konshak as Contest Director.

The Team America Rocketry Challenge event for 2009 had 653 participating teams in this 7th year of the event, with a record 58 percent of these submitting qualification flight reports. The national Finals on May 16 went well, except that the UKAYROC winning team defeated the US winning team in the "Transatlantic Flyoff" championship. This was held at the end of the day at the TARC Finals rather than at the Paris Air Show due to the complexity of getting rocket motors and flight approvals in France. The US and UK teams still both went to the Paris Air Show in June courtesy of Raytheon, but did not fly rockets there. The French have signed on to be full participants in the 2010 event, and their event manager was at the TARC Finals. The Canadians (led by Taras Tataryn) are flying the program informally in 2010, as are the Japanese, with the potential to join as full partners in 2011. The Australians and South Africans have also expressed interest in joining and AIA is trying to recruit the Germans. The rules for TARC 2010 have been made considerably different from the last several years in order to re-equalize the competition between returning teams and new ones.

Sport Services Committee.

The Board reviewed the report provided by Committee Chairman Art Upton. Art has revised the Level 2 certification test question pool to bring it up to date with recent FAA and BATFE regulatory changes. This revised question pool has been posted on the NAR website and tests have been printed by NAR HQ. There is now an approved and posted NAR High Power Rocket Sporting Code to support competition in this area, developed by Jim Wilkerson. This program will operate under Contest & Records Committee.

Responding to tasking from the March Board meeting, Joyce Guzik developed and offered for the Board's consideration a proposed annual "High Power Rocketry Technology Achievement Award" to recognize outstanding achievement by a NAR member in high-power rocketry technology (payloads, structures, and mission, not propulsion). First award (\$500 plus a plaque) would be presented at NSL 2010 for achievements in 2009. This award may be given to one individual per year, but does not have to be awarded if no worthy nominations are received. (Note: The particulars of this program are now posted on the NAR website.)

Motion by Ted Cochran – seconded by Vince Huegele. Passed unanimously.

The "High Power Rocketry Technology Award" program as proposed by Joyce Guzik shall be approved.

The Board concluded that based on the frequency and nature of member questions, there was a need to provide "frequently asked questions" (with answers) on exactly what to do and look for when serving as the certifying person for another member's high-power certification attempt, and what the basis should be for declining to sign off on a

certification attempt. The Board tasked Sport Services to develop and deploy these FAQ's on the NAR website. John Lyngdal took for action the task of accumulating a series of satisfactory Level 3 high-power certification packages of various levels of sophistication, to post as examples on the NAR website.

The committee reported that NAR members were having difficulty figuring out who they should contact for high-power rocketry services because the title of this committee is not descriptive of what it now does. The Board decided to propose to the membership for vote at NARAM-52 a Bylaws change to establish a committee with "high power" in the name, which Art would run, but to retain a committee with the name "Sport Services" that would initially be inactive but could become active in managing non-high-power sport flying activities in future.

**Motion by Ted Cochran - seconded by Jennifer Ash-Poole. Passed unanimously.
The NAR bylaws shall be amended as follows:**

Revise Article XI, Section 2 as follows:

Delete "and" between (k) and (l).

Add "and" between (n) and (o)

Add "(o) High Power Rocketry Services Committee."

Revise Article XI, Section 6 to read: "Section 6: The Sport Services Committee shall have as its duties the administration and promotion of noncompetitive launches, activities, and services to members."

Add: Article XI, Section 17. The High Power Rocketry Services Committee shall have as its duties the administration and promotion of high power rocketry launches, activities, and services and the training and certification of members as competent users of high power rocketry products.

Renumber Section 17 to 18.

Renumber Section 18 to 19.

Section Activities Committee.

Committee Chairman John Hochheimer presented his report in person. There are currently 106 NAR sections, up from 103 at this same time in 2008. The program approved last year by the Board to pay each section that increased its number of NAR members a "bounty" of \$5 per person of increase between section renewal time in 2008 and 2009 resulted in a total payout of just over \$1000 as 47 sections increased the number of NAR members on their rolls. There was a NAR-wide net increase of about 200 members who are reporting affiliation with an NAR section. The Board reconfirmed that growth in the number of NAR members in sections is a very high organizational priority for the NAR.

**Motion by Jennifer Ash-Poole - seconded by John Lyngdal. Passed unanimously.
The section membership growth bounty program shall be extended to 2010.**

The committee has developed the capability with Google Earth software to geographically plot the location of each NAR member and each section, to determine where there are concentrations of NAR members without a section and thereby identify places to encourage formation of new sections. The committee's plan to identify outstanding section websites to be recognized by "highlighting" them on the NAR web page has not yet been implemented, but will be soon. The program for recognizing NAR sections for outstanding achievement in specific areas important to the NAR (community outreach, and quality of activities for members were reconfirmed by the Board to be those areas) has not yet been revised, but will be for 2010; for 2009 it is still based on surveys filled out and data provided by each interested section, with cash prizes of \$25 to the top section in three size categories in each of these two areas.

The committee agreed to conduct a telephone survey of NAR section leaders to determine what types of leadership training or support they most needed or wanted from the NAR. The committee agreed to collect information from each NAR section at their next renewal cycle to determine the specific geographic location that each wants listed for their section. These listed locations are currently the personal address of the section point of contact, which often changes and in many cases is not representative of where the section meets and/or flies. The committee agreed to organize a meeting for section officers at every NAR national event, to be chaired by an NAR Trustee, in order to improve NAR leadership awareness of the issues and concerns of sections. The Board agreed that it was their intent that NAR sections which charter after January 1 each year should not have to renew (and pay the annual charter fee) a few months later on April 1, when the normal renewal cycle occurs, in their first year of being a section.

Safety Committee.

The Board reviewed the report provided by Committee Chairman Andy Eng. The committee reported that the program to award cash grants of up to \$250 to NAR sections for the purchase of equipment of approved types for enhancing flying range safety had received 21 applications from NAR sections and had awarded the limit of \$4000 in grants to the first 17 that applied after the opening date for applications.

Motion by John Hochheimer – seconded by Vince Huegele. Passed unanimously.

The section safety grant program shall be extended for one additional year with a cap of \$4000. Awards will be made only to sections that have not previously been granted funds from this program.

The Committee did not report any progress on the tasking from the August 2008 Board meeting to develop a concise set of “safety best practices” guidelines for distribution to and use by both model rocket and HPR Range Safety Officers, or on the tasking to develop a simplified “Trained Safety Officer” program.

Education Committee.

Committee Chairman Vince Huegele presented his report in person. The national partnership between NAR and 4-H is making satisfactory progress. The NAR’s free educator electronic newsletter produced and distributed to over 800 teachers by Joyce Guzik is continuing to gain new subscribers. NAR volunteers Tom Sarradet and Eric Pyle are working on documenting the National Science Education Standards that can be taught using model rocketry in the classroom, as a future resource for other educators. The plan for MASA section to represent the NAR by running a booth at the National Science Teacher Association regional convention in Minneapolis October 29 – 31, 2009 is in place and the NAR has paid all the required registration and booth fees. MASA has the NAR convention exhibit, and a supply of updated color NAR recruiting brochures for educators have been printed. Our TARC partners at AIA will be funding a TARC/NAR booth at the March 2010 NSTA national convention in Philadelphia, and the NAR will assist in staffing and running it.

Vince reported that the NASA Marshall Spaceflight Center high-school Student Launch Initiative and University Student Launch Initiative programs that have been supported by the local NAR section in Huntsville (HARA) since 2001 have now grown past the capacity of HARA to handle, with 32 large high-power student-made rockets being flown in the event Finals in April 2009. HARA is no longer being consulted in the SLI event’s planning by the NASA office running it, the event is growing rapidly despite HARA’s lack of capacity to keep up with this growth, and HARA is being given no recognition for the very substantial amount of work that they do to run the preflight inspections and flight operations of rockets that often arrive on scene with major safety issues. Vince said the flight operation, which is run on private land under NAR site owner insurance, is now too large for the 8 volunteers from HARA to run safely; HARA section has “burned out” and has voted to terminate their involvement in SLI/USLI. The Board concluded that this program has great value to the participants and potentially to the NAR, and that the NAR should intervene and offer to run the SLI/USLI Finals as a nationally-managed NAR activity, if NASA will agree to appropriate conditions for range safety and for official recognition of the NAR partnership. The President took this intervention for action.

Joyce Guzik reported that NAR has been receiving increasing numbers of applications for the Robert L. Cannon Teacher Grants and for the NAR Member Scholarships and that the selection committee had been challenged in evaluating all of these. This year, a total of 10 scholarship and 10 Cannon Grant applications were received. The NAR budget for 2009 had approved funding for 6 of each (at \$500 apiece), however the Cannon Grants are paid from a special account that has the funds in it from the annual NARAM benefit auctions and can be used for nothing else, and this account currently stands at about \$30,000. The scholarships are currently paid out of the NAR General Fund, from member dues.

Motion by George Rachor – seconded by John Hochheimer. Passed unanimously.

Up to 8 Cannon grants may be awarded each year, as long as all grants go to teachers who have submitted applications that are deemed by the selection committee to be of sufficient quality.

Technology Committee.

The NAR membership voted at NARAM-51 to approve the Bylaws change which provided permanent status to this previously-temporary Special Committee, and Jennifer Ash-Poole was appointed as Chairperson of the new permanent

Technology Committee. This committee supervises the Website Redesign Subcommittee led by Mark Bundick and the NAR webmaster (Terry Moore-Reed), and has responsibility for management of the technology used in administration of the Association at NAR headquarters.

The Board first reviewed a report on the website redesign project submitted by Mark Bundick. Mark reported that the team of 9 contributing to this project had completed development of a new navigation structure for the existing website, to make it easier to find specific items among the very large amount of material already on the website. This new structure requires a few new "first destination" web pages that need to be written and implemented before the navigation structure can be implemented. The NAR President will task out the responsibility of writing this new content to the appropriate committees. Mark has also assembled a significant amount of new technical content for the website and is prepared to deploy this new material. The Board asked that he do this at his earliest convenience, in advance of the longer-term website restructure.

Committee Chairperson Jennifer Ash-Poole presented in person her report on the project to identify a new headquarters management information system that would support a comprehensive modernization and integration of all of the NAR's information technology activities. She did a live on-screen demonstration of the web-based commercial association-management system that has been selected for implementation, which is made by Neon. It will cost the NAR about \$215 per month plus about \$2000 of one-time database-conversion and custom-feature software development costs, well below the price ceiling established by the Board. It has all of the features established as minimum NAR requirements, plus a wide array of additional features that have great long-term promise for improving NAR member service.

Jennifer will be traveling to NAR headquarters at NAR expense to do the conversion from the current NAR-unique management system that runs there on a 1998 Mac. The conversion will begin on Friday, November 13, when the current HQ database is sent to Neon for conversion and for return the following Monday. The new system will be operating online starting Monday, November 16 and Jennifer will remain for several days, until all bugs are worked out, the NAR HQ manager is comfortable with the new system, and all business and member service functions are operational. As part of this, Jennifer will use the funds (up to \$10,000) approved for HQ capital improvement replace the entire set of obsolete HQ computer and office equipment.

Financial Review.

NAR Treasurer Stew McNabb had provided the Board with extensive and up-to-date financial reports prior to the meeting, and joined the meeting via telephone conference call to review these with the Board. The NAR's overall financial health remains excellent. Total balance of funds on hand as of June 30, 2009 was \$267K, a \$45K increase compared to December 31, 2008. There were substantial legal bills in hand that were paid shortly after this cutoff date, but despite this there was still a general improvement in the NAR's financial position in the last six months. This is largely due to higher-than-projected dues income from improved membership renewal rates that have led to an increase of in overall NAR membership to about 4750 versus the 4400 used in planning the 2009 budget.

The NAR and TRA have directed their joint legal team to petition the Court for recovery of the legal costs of the lawsuit against BATFE. This is specifically authorized in federal law for cases where an agency's losing position is found to have been without substantial merit, and counsel advised that the odds of our success for fee recovery were fairly good. The process of developing and filing the legal briefs to persuade the Court to grant this recovery has cost about \$60K, with half of this funded by the NAR. This is more than Legal Fund donations to date in 2009 by members could cover, which had some impact on the overall NAR budget position. The potential amount of fee recovery could range from none to as much as \$330K in the best case, with any recovery to be equally shared between NAR and TRA. The Board agreed to defer any discussion of what might be done with any recovered fees until the Court decides on the petition. There is no deadline or timeline for this Court decision.

Membership Committee.

The Board reviewed the report provided by recently-appointed Committee Chairman Carol Marple. Carol provided a wide range of ideas and possible initiatives for improving the NAR's efforts to attract new members. She has negotiated with a number of manufacturers to place NAR recruiting fliers either in their packaged kits or in the mail orders that they send out to retail customers. She offered a plan to send letters to about 400 former members who had belonged to the NAR for 5 or more years but let their membership lapse in 2007 or 2008, to make them aware of the NAR's recent success vs BATFE regulations on high power and other initiatives and to invite them to now renew their membership.

The Board also stated that each section should be provided a list at annual charter renewal not only of the current NAR members in their state (which is now done) but also those NAR members in that state who have allowed their membership to lapse in the previous year. The NAR President agreed that this should be added to the list of tasks that the new headquarters software should be used to perform.

Motion by Ted Cochran – seconded by John Lyngdal. Passed unanimously.

The Membership Committee shall be allocated \$2000 to fund production of kit stuffer advertising fliers and to do membership recruitment mailings.

The committee also proposed that the NAR conduct a focused 6-7 month “membership drive” with specific actions and incentives to recruit new members, and offered a series of ideas of how this might be done. The Board approved the concept of doing such a drive, to start January 1, 2010 and continue until July 30, 2010 and directed the committee to provide the NAR President with a detailed execution plan by October 1, 2009.

Motion by Ted Cochran – seconded by Vince Huegele. Passed unanimously.

The membership recruitment drive proposed by the Membership Committee shall be approved for execution.

Standards and Testing Committee.

Committee Co-Chairman John Lyngdal presented the report in person. The Committee is fully up to date on certification and recertification testing. The Committee has developed the NAR’s official proposals for changes to NFPA Code 1125 (Motor Manufacture and Testing) that will be submitted while that Code’s quadrennial revision cycle process is open between July and November 2009. These proposals will be reconciled with any Tripoli Rocketry Association proposals and reviewed with representatives of the rocket motor manufacturing companies at the National Fire Protection Association Pyrotechnics Committee meeting in San Diego August 31 – September 1, 2009, then submitted formally to NFPA for consideration.

Contest and Records Committee.

The Board reviewed the report provided by Committee Chairman Tom Lyon. The annual “rules change process” cycle for 2009 was successfully completed and the new (2009) edition of the U.S. Model Rocket Sporting Code (Pink Book) reflecting the approved changes has been issued by posting it on the NAR website. The committee reported that a set of provisional high power competition rules has been developed by Jim Wilkerson, approved by the Contest and Records Committee, published electronically to the membership, and put into effect. A new edition of the Contest Director Guide has been produced by Chan Stevens and is awaiting posting on the NAR website. Participation in NAR competition so far this contest year is running slightly ahead of the pace from the last two years, and will probably be slightly more than 400 individual participants by the time all records from the year’s contests are received.

The committee’s Rules Change Subcommittee chair Jim Filler provided the Board with a proposal to change the process for reviewing member Pink Book change submissions, by adding a working session at NARAM for a group review and potential amendment of submissions. This session would permit reconciliation of any inconsistencies among them and an opportunity to correct any technical errors in them. The Board agreed in principle with the proposal, but noted that the words to make the Pink Book change to implement it needed significant editing that they did not have time to do at the Board meeting. They further noted that the Pink Book has in it a formal if time-consuming method to make such process/wording changes via member vote rather than by resorting to Board executive action. The Board referred this proposal back to the normal due-course process for getting it approved by vote of the membership, which would provide the time needed to clarify the proposed wording.

Strategic Planning.

The Board discussed whether the NAR should establish organizational performance goals, with these goals serving as the yardstick against which progress in areas of key concern to the organization’s long-term health could be measured. The Board agreed that the areas of key concern to the Association are the overall number of members, the number of sections, and the number of members who engage in one of the activities that have been found in our surveys to correlate favorably to probability of membership renewal: membership in a section; participation in competition flying; or high-power certification.

Motion by John Hochheimer – seconded by Ted Cochran. Passed unanimously.

The following organizational performance goals shall be established, with the further goal of achieving all of these by the time of NARAM-52, July 30, 2010:

- **5200 total members**
- **120 sections with 3000 members in these sections**
- **500 members engaging in one or more competition (including HPR) during the current contest year**
- **2500 members with high power user certification (including Junior “high power participation”)**

The NAR President will work with the committees responsible for each of these service areas to have them develop and implement plans and specific actions to achieve these goals by that date.

Special Committee on FAI Activities.

The Board reviewed the report provided by Committee Chairman John Langford in advance of their meeting and had no comments or questions. John reported that the program for US adult and junior participation in International (FAI) model rocket competition is healthy with no Board action required. This Special Committee conducted a well-organized flyoff for selection of the 2010 U.S. Team at NARAM-51, with 14 junior and 25 senior participants. This team will represent the U.S. and the NAR in the 2010 World Spacemodeling Championships in Serbia.

NARTREK Committee.

The Board reviewed the report provided by Committee Chairman George Scheil in advance of their meeting and had no comments or questions. The NARTREK program awarded 10 regular certificates and 7 Cadet certificates so far in 2009, more than were awarded in all of 2008. The committee has added three new members and is developing a high-power NARTREK program.

Technical Services Committee (NARTS).

The Board reviewed the report provided by Committee Chairman Tom Ha in advance of their meeting and had no comments or questions. NARTS reported a very strong sales year overall, and had a presence that generated significant sales at each of the NAR’s national events. New products brought out during the year included CD’s with NARAM-41 R&D project reports and the 2006 issues of Sport Rocketry Magazine, a new sunblock hat, and a NAR water bottle. NARTS wants to convert more of its document sales to online-downloadable products rather than paper ones requiring storage and mailing. The NAR President noted that the new NAR headquarters software will support doing this. The NARTS Chairman advised the Board that he will be relinquishing NARTS in 2011 to take up duties as the NAR Treasurer, and will need a replacement to run NARTS before then.

NAR Historian

The Board reviewed the report provided by NAR Historian Art Nestor in advance of their meeting and had no comments or questions. Art reports continued progress in gathering and electronically filing documents and photographs relating to the history and past activities of the NAR and many of its sections. He would like to begin making access to this archive available to NAR members online, once the technology of doing so is decided.

Periodicals Committee.

The Board reviewed the report provided by Committee Chairman Mark Bundick in advance of their meeting and had no comments or questions. Mark reported that the efforts of Sport Rocketry editor Tom Beach over the past year to obtain and publish at least one high-quality “how to do it” article on high-power rocketry in each issue of the magazine have been successful, and that magazine advertising gross revenue is remaining just over \$6000 per issue. Magazine sales in hobby stores have declined in the last year, with this decline correlated both to the closure of hobby shops and the overall decline in national retail sales. A new 2010-2011 edition of the Member Guidebook is in work by editor Mario Pardue, to be published by December, 2009. The Electronic Rocketeer continues to go out monthly using the Constant Contact service to about 3800 NAR member e-mail addresses (with some address redundancy) and about 1600 of these are being opened and presumably read each month.

The Board meeting was recessed at 6:30 PM on August 7 and reconvened at 9:30 PM on August 10, immediately after the annual Association meeting and Trustee elections. Joyce Guzik joined the 7 previously-present Board members.

**Motion by Joyce Guzik -- Seconded by John Hochheimer. Passed unanimously.
The current NAR officers shall be re-elected: President – Trip Barber; Vice President – Ted Cochran; Secretary – George Rachor; Treasurer – Stew McNabb.**

The NAR President reviewed with the Board the decisions that had been made at the meeting, and the due dates and responsibilities assigned for those decisions that involved actions to be taken after the meeting.

**Motion by George Rachor -- Seconded by Ted Cochran. Passed unanimously.
The meeting shall be adjourned, to reconvene at about 7:30 PM Thursday evening, March 11, 2010 at NARCON 2010 in Worcester, MA.**

The meeting was adjourned at 10 PM.