

Aero Modelers of Perrine, Inc. (AMPS)

Membership Application

Welcome to the Aero Modelers of Perrine, Inc. (AMPS). Please complete the membership application form and send it to the address indicated, along with payment, proof of AMA membership and all of the other required documents listed on the application form. We will not process any membership applications unless all the required documents are submitted and completed correctly.

All of our memberships include free flight instruction. We have several volunteers that will work with you to help you become a pilot and enjoy the model aviation hobby. Please understand that the instructors are volunteers and their availability may be limited at times.

REQUIRED!!! In order to become an AMPS member you must first be a member of the Academy of Model Aeronautics (AMA) Visit the AMA website at www.modelaircraft.org to join or renew your membership. After joining the AMA you can apply for one of the following AMPS memberships:

- **Open Member - \$165.00 per year** (between 19 and 64 years of age) – See first year membership prorated fees table below
- **Senior Member - \$115.00 per year** (65 years of age or older) – See first year membership prorated fees table below PROOF OF AGE REQUIRED
- **Junior Member - \$15.00 per year** (Up to 18 years of age) PROOF OF AGE REQUIRED
- **Non-Resident Member - \$65.00 per year** Non-voting member living outside of the Miami-Dade, Broward, Monroe, and Palm Beach Counties PROOF OF RESIDENCY REQUIRED

Month of application - First year OPEN Membership Prorated Fees plus \$100.00 Initiation Fee*											
Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
\$165.00	\$151.00	\$138.00	\$124.00	\$110.00	\$96.00	\$83.00	\$69.00	\$55.00	\$41.00	\$28.00	\$14.00
Month of application - First year SENIOR Membership Prorated Fees plus \$100.00 Initiation Fee*											
Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
\$115.00	\$105.00	\$96.00	\$86.00	\$77.00	\$67.00	\$58.00	\$48.00	\$38.00	\$29.00	\$19.00	\$10.00

* Initiation Fee will be returned to applicant, or applied to second year of membership, upon completion of one (1) day of club service. Note: 1 day = 8hrs.

IMPORTANT – Please Read: All applicants should be aware and understand that the activities involved in the flying of model airplanes and helicopters are not without some degree of hazard. Therefore it is the obligation of **all members and guests** to abide by AMA, AMPS, and common sense safety guidelines to minimize these hazards and to assist the AMPS Board in their attempt to provide a safe environment for all members and visitors. The AMPS club, its Board of Directors, individually or collectively, will not be held liable for incidents involving injury or property damage, including, but not limited to, loss of aircraft. By submitting this membership application, you hereby acknowledge and accept these conditions.

**APPLICATIONS WILL NOT BE PROCESSED UNLESS ALL REQUIRED FORMS,
DOCUMENTS AND PAYMENT ARE SUBMITTED AND COMPLETED CORRECTLY.**



Aero Modelers of Perrine, Inc. (AMPS) Membership Application

Applicants must submit this form, payment, proof of AMA membership, and all other required forms.

One application per person. All items on this form are required and must be filled in. Incomplete submissions will be returned without processing.

AMA # _____ **Copy of AMA Membership Card Required** Date of Birth: _____

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____ **EMAIL ADDRESS:** _____

Primary Phone: _____ Secondary Phone: _____

Type of Membership: **Open** **Junior** **Senior** **Non Resident** (proof of residency required)

Fees Included

Membership Fee: _____ See prorated fee tables on page one (1) Initiation

Fee: \$100.00 Open & Seniors Only (see note below) *

TOTAL INCLUDED: _____ **Make Checks Payable to AMPS**

Check here if you need flight instruction. I want to learn to fly: Airplanes Helicopters

Check here if you already know how to fly - include signed Check Pilot Form - page five (5).

By my signature below I certify that the information provided herein is true and that I have read, and will abide by, the AMPS Field Rules. I understand that providing false information in this membership application and/or failure to comply with club rules could result in the loss of my flying privileges. As an adult member, I further certify that I will perform at least one (1) day of club service during my first year of membership or that I forgo the initiation fee paid.

Applicant Signature (REQUIRED)

Date

* Initiation Fee will be returned to applicant, or applied to second year of membership, upon completion of one (1) day of club service.

CHECK LIST – ITEMS REQUIRED / INCLUDED

- This form – completed and signed – page 2
- Payment – Check or Money Order – do not send cash in the mail
- Copy of AMA membership card for the current year
- Signed REQUEST, RELEASE AND WAIVER OF ALL CLAIMS
- AGREEMENT (Adult or Minor as appropriate – page 3 or 4)

Mail Completed Application to:

**Aero Modelers of Perrine, Inc.
10611 SW 79 terrace
Miami, FL 33173**

Flight Proficiency Test – REQUIRED for all applicants who already know how to fly – **Must be signed by Check Pilot.**

Aero Modelers of Perrine, Inc. (AMPS)

Complete this REQUIRED form ONLY if you are an adult

ADULT (18 and Over)

REQUEST, RELEASE AND WAIVER OF ALL CLAIMS AGREEMENT

Dated: _____, 20____

I, _____, hereby request that the Aero Modelers of Perrine, Inc. (AMPS) allow me the privilege of flying radio controlled aircraft at the AMPS field.

I have been informed of and I know the risks and dangers involved in the operation of radio controlled aircraft, and that unanticipated and unexpected dangers may arise during such activities and I assume all risks of injury to me and my property that may be sustained in connection with the stated activities, including, without limitation, the potential crash and loss of my aircraft and its on-board equipment and personal injury.

In consideration of the permission granted to me to participate in the stated activities, I do hereby, remise and discharge AMPS and South Florida Water Management District (SFWMD), their officers, board members, members and volunteer flight instructors, and all other participants in the stated activities of and from all claims, loss, damages, demands, actions, and other causes of action of any sort, for injuries to person and/or property during or as a result of participating in any of the activities contemplated by this Agreement, **whether such loss, damage, or injury results from the negligence of AMPS and/or the SFWMD, their officers, board members, members, volunteers, or from any other cause.**

I represent and certify that my true age is stated below, and that I am a member in good standing of the Academy of Model Aeronautics (AMA).

I HAVE READ, UNDERSTAND AND AGREE TO THE FOREGOING REQUEST, RELEASE AND WAIVER OF ALL CLAIMS.

Name: _____ Age/Date of Birth: _____ AMA # _____

Address: _____ Telephone Number: _____

Signature Date

Aero Modelers of Perrine, Inc. (AMPS)

Complete this REQUIRED form ONLY if you are a minor

MINOR (17 and Under)

REQUEST, RELEASE AND WAIVER OF ALL CLAIMS AGREEMENT

Dated: _____, 20____

WE, the undersigned parents or legal guardians of minor _____, do hereby request that Aero Modelers of Perrine, Inc. (AMPS) allow our child the privilege of flying radio controlled aircraft at the AMPS field.

WE have been informed of and know the risks and dangers involved in such activities, and that unanticipated and unexpected dangers may arise during such activities. We assume all risks of injury to our child and/or his/her property that may be sustained in connection with the stated and associated activities, including, without limitation, the potential crash and loss of our/his/her aircraft and its on-board equipment and personal injury.

In consideration of the permission granted to our child to participate in the stated activities, we do hereby, remise and discharge AMPS and the South Florida Water Management District (SWMD), their officers, board members, members and volunteer flight instructors, and all other participants in the stated activities of and from all claims, loss, damages, demands, actions, and other causes of action of any sort, for injuries to person and/or property during or as a result of participating in any of the activities contemplated by this Agreement, **whether such loss, damages, or injury results from the negligence of AMPS and/or the SFWMD, its officers, board members, members, volunteers, or from any other cause.**

WE represent and certify that we are the parents or legal guardians of the above-named minor and that we have given him/her permission to participate in the stated activities, that his/her true age is as stated below and that our child is a member in good standing of the Academy of Model Aeronautics (AMA).

WE HAVE READ, UNDERSTAND AND AGREE TO THE FOREGOING REQUEST, RELEASE AND WAIVER OF ALL CLAIMS. PLEASE NOTE, BOTH PARENTS MUST SIGN.

MINOR INFORMATION

Minor's Name: _____ Age/Date of Birth: _____ AMA # _____

Address: _____ Telephone Number: _____

Signature

Date

FATHER (OR LEGAL GUARDIAN)

Name: _____ Address: _____ (Print)

Father's Signature

Date

Phone Number: _____

MOTHER (OR LEGAL GUARDIAN)

Name: _____ Address: _____ (Print)

Mother's Signature

Date

Phone Number: _____

AMPS Field Rules – Revised November 2015

All members of the Aero Modelers of Perrine are Safety Officers, and have an obligation to ensure that all members and their guests operate their aircraft in a safe manner consistent with the published AMPS Field Rules, and the AMA Safety Code.

All AMPS members are duly authorized agents of the Aero Modelers of Perrine for the purposes of ensuring that safe flying conditions exist at all times and are empowered to request any unauthorized personnel to leave Club property.

General Rules

1. The AMA Safety Code will be in effect at all times.
2. Only current year AMPS members and their **guests**¹ may fly at the field.
3. All AMPS members must display a current year AMPS membership card while flying at the field. Club membership card must be visibly displayed on the member's person.

Flight Operations

1. All flying must take place in the designated **flying area**². Flying in the **no-fly zone**³ is strictly prohibited.
2. A majority of active AMPS members present who are flying airplanes shall decide on the **active runway**⁴ for airplane operations. The active runway shall be used only by fixed wing aircraft. The inactive runway shall be used by ALL helicopters and any small airplanes flying in a close to the pilot pattern (hovering / 3D). The use of two active runways is strictly prohibited. All aircraft using the inactive runway shall not encroach the active runway.
3. The maximum number of concurrently flying aircraft is four (4) from the active runway and two (2) from the inactive runway.
4. All flying shall be conducted from the designated pilot stations. Helicopter and small airplane pilots flying circuits, hovering or doing 3D type maneuvers on the inactive runway may stand on the runway so as to fly as far away from and out in front of the **pit area**⁵ as reasonable as possible.
5. Flying over the active runway shall be limited to take-off and landing. Flying over the active runway is strictly prohibited.
6. Pilots shall always announce their intention to take-off, land, touch-n-go or dead-stick emergencies in a loud and clear voice so as to be heard over engine noise.
7. Landing aircraft will always have the right of way; dead-stick aircraft will have first landing priority.
8. Walking on the runway must be announced in a clear and loud voice before stepping onto the runway.
9. Flying shall be limited to 15 minutes per flight.
10. Flying over **field maintenance workers**⁶ or **farm workers**⁷ is strictly prohibited. All flying will stop when field maintenance workers or farm workers are present.
11. Only pilots and their helpers are permitted in the pits area.
12. Children are not allowed in the pits area unless they are AMPS' Junior members. Children must always be accompanied by an adult and under close supervision.
13. A helper, work table or other airplane restraint must be used for engine start up. To start the aircraft the engine must face the runways and never face a pilot standing in a pilot station.
14. Never leave an aircraft unattended with the engine running.
15. Taxiing of aircraft within the pits area is prohibited. Aircraft must be held at all times while moving to and from the runways. Radio Control must not be used to move aircraft inside the pits area.
16. The covered areas shall not be used for engine starting or running, excluding helicopters.
17. The use of the **start-up tables**⁸ shall be limited to engine start-up. Do not leave your aircraft on the start-up tables for extended periods of time

AMPS Field Rules – Revised November 2015

18. All gas and turbine powered aircraft shall use a catch bottle to recover any fuel overflow or spillage. The catch bottle is to be used during fueling and when pushing your airplane across grass areas. Please empty the bottle after fueling to prevent any spillage from the bottle onto the grass. If you feel there will be any spillage after removing bottle please place a floor mat (provided at flight stations) under your airplane.
19. No prolonged engine running is permitted in the pits area. Prolonged engine run-up is only permitted under the old pit shelters (metal roof), but not under the main shelter.
20. No smoking is permitted near gasoline powered aircraft. AMPS recommend that the appropriate type of fire extinguisher be provided by the owner/pilot of any gas powered aircraft.
21. All radios will display the corresponding frequency number except for radios transmitting in the 2.4 Ghz frequency.
22. In order to use a radio, the corresponding frequency must not be in use by another pilot. To claim the use of a frequency, the pilot must place a club approved frequency pin on the **frequency board**⁹ corresponding to the radio frequency to be used. This also includes 2.4 Ghz transmitters.
23. Never remove another pilot's frequency pin from the board.
24. Any person who causes an accident due to improper use of frequency controls will be held responsible for any financial losses.

Operation of Remote Controlled Turbine Powered Model Aircraft (RCTPMA)

1. Pilot must abide by all AMA requirements, rules and regulations regarding operation of RCTPMA. (*AMA document: SAFETY REGULATIONS FOR MODEL AIRCRAFT POWERED BY GAS TURBINES*)
2. Permission/approval to fly RCTPMA at Silver Field must be obtained from the Board of Directors. Permission/approval shall be granted under the following conditions:
 - a. The individual requesting permission was an AMPS member in good standing as of April 30, 2013 (known as vested members), or became a member on or after May, 1, 2013 and has been a member in good standing for one year.
 - b. The pilot has obtained an AMA Turbine Waiver, or is going to be instructed by an experienced AMA Turbine Waivered pilot.
3. Operation of fixed-wing RCTPMA is restricted to the EAST/WEST runway. Under no circumstances shall the NORTH/SOUTH runway be used for the operation of fixed-wing RCTPMA, except for emergency landings. In the event, due to wind conditions, the majority of the pilots at the field elect to use the North/South runway as the active runway, fixed-wing RCTPMA shall not be operated.
4. No one without an AMA Turbine Waiver shall fly without a buddy cord system. Instruction shall be conducted only by an experienced AMA Turbine Waivered pilot.
5. Guests shall be allowed for the sole purpose of flying RCTPMA. The guest must have a valid AMA Turbine Waiver to be able to fly at AMPS and be accompanied by an existing AMPS member. Normal guest rules apply.
6. All pilots should have a spotter/helper present, whenever possible. A spotter/helper is mandatory when more than one aircraft is in the air.
7. A turbine blast deflector must be used while the engine is starting or running prior to takeoff.

Flight Instruction and Proficiency

1. Flight instruction shall be provided to any active member by a club designated flight instructor. Any active AMPS member may provide flight instruction to any other active AMPS member provided that the official flight training manual is used and followed. Paid instruction of any type is strictly prohibited at Silver Field.
2. A club designated flight instructor or check pilot must administer a flight proficiency test and give the final approval for a student pilot to become a solo pilot.

AMPS Field Rules – Revised November 2015

3. In order to be accepted into the AMPS club, all prospective members who do not require flight instruction, must complete a flight proficiency test administered by one of the official club Instructors or Check Pilots.
4. The board of directors may request that a solo pilot retake the flight proficiency test if the pilot is deemed to be lacking appropriate flying skills.

Other

1. Use of alcoholic beverages and/or controlled substances is ABSOLUTELY PROHIBITED on AMPS property.
2. There will be no cooking directly under or in front of the canvas covered areas.
3. Due to safety and sanitary conditions, pets are not permitted at the field.
4. Members and their guests are responsible for keeping the field free of trash. If you brought it with you, you must take it home.
5. Vehicular traffic is absolutely forbidden on any portion of the runways.
6. Playing of loud music is prohibited.
7. Any rules, except for no-fly zone rules and those related to the consumption of alcoholic beverages and controlled substances can be modified during special events, at the discretion of the event coordinator and with the Board of Directors approval.

1 **Guest flyers** must be sponsored by an active AMPS member who must be present and is responsible for the guest observing all AMPS and AMA rules. **The flying guest must be an active AMA member.** Guest privileges are limited to a maximum of three visits, after three visits the guest must become an AMPS member. Guests cannot change sponsors in order to gain additional flight time. All flying guests must be registered with the board of directors prior to **EACH** visit to the AMPS field. The sponsoring AMPS member must contact a member of the board of directors and supply the name and AMA number of their visitor.

2 **The flying area** for the east/west runway is the airspace extending from the flight line to SW 168 street on the north, 1000 feet past the power lines on the west and to the canal to the east (strictly no flying over the canal). The north-south flying area extends from the flight line to 1000 feet past the power lines to the west, to SW 168th street on the north and to the canal on the south. The flight line is an imaginary line **25 feet** in front of the pilot stations and extending indefinitely in both directions, parallel to the runway.

3 **No-Fly Zone** – The area south of the flight line on the east-west runway and east of the north-south runway. This includes directly above the pilot stations, over the pits area and over the parking area. North of SW 168th Street, 1000 feet past the power lines to the west and over the canal to the south-east of the field. *See No-fly zone map over the frequency board and on club's website.*

4 The **active runway** is the runway used by fixed-wing aircraft (airplanes), except small airplanes flying in a close to the pilot pattern (hovering / 3D) which shall use the **inactive runway**. 5 The **pit** is the area north and west of the shelters and extending to the flight line.

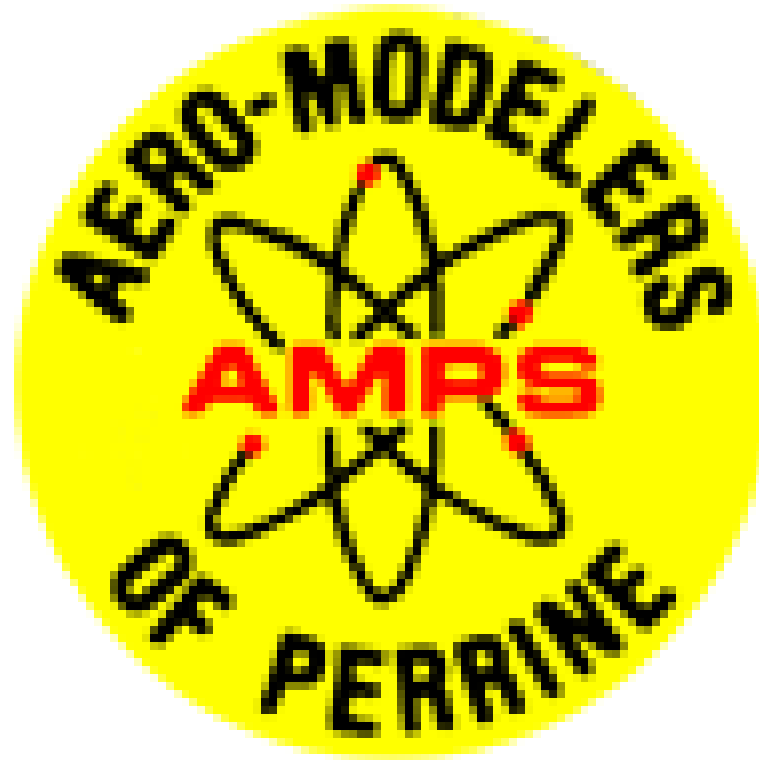
6 **Field maintenance workers** are individuals performing work on the runways or under the flight path of any aircraft.

7 **Farm workers** are defined as one or more farm personnel working in the adjacent property to the field who, in the performance of their duties, have no protection from “out of control model aircraft”. Workers operating farm machinery, which has enclosed cabs or hard covers, are not included in this rule. Flying is forbidden, if the active runway is the north/south runway and workers are anywhere in the area west of the runway to the FP&L power lines. Flying is forbidden, if the active runway is the east/west runway and workers are in the area north of the runway to 168th Street.

8 The **start-up tables** are the tables located between the canvas covered areas and the pilot stations on both runways.

9 The **frequency board** is a board with the AMA approved frequencies listed and identifies the frequencies in use by the pilot placing their pin on the frequency to be used.

AERO MODELERS OF PERRINE



STUDENT PILOT HELICOPTER FLIGHT INSTRUCTION MANUAL

President's Welcome

Welcome to the Aero Modelers of Perrine (AMPS) training program. The AMPS club is happy to train any new or current member who wants to learn a new discipline.

As a new member wanting to learn Radio Controlled flight, you will likely have many questions. You will find this booklet an invaluable resource for answering most of your questions. This booklet also contains the training syllabus that you and your instructor will use during your training period. The syllabus will take you from your first flight to your solo flight and beyond.

Another important resource available to you is the club members. You will find that radio control enthusiasts are a very friendly group and are more than willing to help. I recommend you meet and introduce yourself to as many members as possible. You'll generate many new friendships.

Most importantly, remember to have fun.

Your AMPS President

Contact our Helicopter instructor to arrange for your flight training		
VACANT		

AMPS HELICOPTER STUDENT PILOT TRAINING LOG

Student: _____ **Instructor:** _____

Objectives	Date Completed	Instructor	Remarks
Objective 1: Preflight			
Obtain a copy of the AMA and AMPS rules and review them with instructor			
Learn to ensure that transmitter, receiver and/or electric motor batteries are fully charged, and perform battery checks regularly.			
Review and learn about helicopter main flight systems (main rotor, engine, and tail rotor), and flight functions such as: Collective, cyclic, and yaw.			
Discuss and understand concepts of pitch, throttle curves and gyro gain functions.			
Learn to identify the active vs. inactive runways and their proper usage.			
Acquaint student with procedure for claiming frequency.			
Learn about proper radio range check procedure with either 72 MHz or 2.4 GHz radio systems.			
Objective 2: Engine Start and Preflight			
Gain knowledge of support equipment: fuel, fuel pump, and battery chargers.			
Learn proper glow/gas fuel engine startup procedure, and/or electric motor battery connection. Understand legal and illegal engine start up locations.			

Objectives	Date Completed	Instructor	Remarks
Objective 3: Flight Protocol Procedures			
Get acquainted with proper method for carrying helicopter to flight line, and afternoon pilot stations.			
Learn to do a smooth spool up before take-off attempt is made.			
Objective 4: Hover Maneuvers			
Learn stationary tail-in hover without deviation in altitude.			
Learn smooth take-offs and landings			
Learn stationary nose-in hover without deviation in altitude.			
Learn left sideways hover without deviation in altitude.			
Learn right sideways hover without deviation in altitude.			
Objective 5: Forward Flight			
Learn left hand circuit pattern.			
Learn right hand circuit pattern.			
Learn turning-out figure eight flight.			
Learn turning-in figure eight flight			
Objective 6: Advanced Hover			
Learn inverted tail-in hover without deviation in altitude.			

Learn inverted nose-in hover without deviation in altitude.			
Objective 7: Advanced Aerobatics			
Learn tail-in autorotation.			

Objectives	Date Completed	Instructor	Remarks
Learn nose-in autorotation.			
Learn to perform a loop			
Learn to perform a roll.			

Additional Notes:

Things to work on:

Recommended References:

AMA Newcomers' Guide: <http://www.modelaircraft.org/files/education/docs/newcomerguide.pdf>
Engine / Propeller Safety Precautions: <http://www.amps-rc.com/Safety/SafetyFirst.htm>

HELICOPTER FLIGHT TRAINING COMPLETION CERTIFICATE

Student Pilot Name (Printed): _____ AMA# _____

Instructor Name (Printed): _____ AMA# _____

Instructor Signature: _____ Date: _____

Date of Completion: _____

Upon completion of your flight training, mail this completed document (all pages) along with the Flight Proficiency Test and AMPS Field Rules Test (all pages) with all appropriate signatures to:

Aero Modelers of Perrine (AMPS)
10611 SW 79 terrace
Miami, FL 33173

Notes:

1. You may not begin flying solo until you have passed the Flight Proficiency Test and the AMPS Field Rules Test. This is a violation of club rules and may jeopardize your future membership in the club.
2. Your flight instructor may **NOT** administer the Flight Proficiency and AMPS Field Rules Tests.

AMPS FIELD RULES TEST

Question	Y/N
1. Only Current AMPS members and their guests may fly at the field.	
2. The maximum number of flying helicopters is two (2) nitro/gas and one (1) electric.	
3. Landing Aircraft will always have the right of way; dead stick aircraft will have the first priority.	
4. Helicopter start-up is allowed in the covered Pit area.	
5. Children are not allowed in the pit area unless they are AMPS Junior members. Children must always be accompanied by an adult.	
6. Flying will be suspended while field maintenance workers are performing work on the runways.	
7. You will not be covered by AMA insurance if you fail to follow AMA and/or AMPS safety rules.	
8. Prospective members are not required to take the Flight Proficiency Test.	
9. Walking on the active runway must be loudly and clearly announced before stepping onto the runway.	
10. Flying over field maintenance or farm workers is acceptable.	
11. Flying shall be limited to 15 minutes per flight.	
12. Helicopter pilots may stand on the runway while flying.	
13. Low airplane flying over the active runway is acceptable.	
14. Alcoholic beverages are allowed on the field but not during flying.	
15. Never leave an aircraft unattended with the engine running	
16. Smoking is permitted near gasoline powered Aircraft.	
17. Pilots can leave their airplanes on the start up tables for any length of time.	
18. What is the most important decision any pilot can make? _____	

***** Fourteen (14) correct answers required to pass *****

AMPS HELICOPTER FLIGHT PROFICIENCY TEST

Question	Y/N
1. Pilot demonstrates knowledge of pre-flight protocols (uses engine starting areas, carries aircraft to flying area in a safe manner, announces take off, stands at safe distance, etc.)	
2. Pilot demonstrates good control of aircraft (appropriate take off and hover, maintains aircraft inside flight zone, announces landing, appropriate landing, etc.)	
3. Pilot demonstrates knowledge of post-flight protocols (follows proper engine turn off procedures, carries aircraft in a safe manner, etc.)	

***** Three (3) correct answers required to pass *****

I, _____ (Check Pilot Name – printed), AMA# _____, certify that
_____ (Prospective Member Name – printed) has satisfactorily completed
the Field Rules and Flight Proficiency Tests.

Check Pilot Signature: _____ Date: _____

Notes:

1. You may not begin flying solo at AMPS until you have passed the **AMPS Field Rules Test** and the **Flight Proficiency Test**. This is a violation of club rules and may jeopardize your club membership.
2. When this document is used to certify a student after completing his/her training, the Instructor may **not** act as Check Pilot.
3. Both tests must be passed in order to be certified as a solo pilot.

Effective June 2014