A5!NU

PROBE BJT 3RD LEAD

BY JOHN S. LANG

ASSOCIATED PRESS WRITER

NEW ORLEANS, MARCH 15 (AP)-PERRY RAYMOND RUSSO, THE 25-YEAR-OLD INSURANCE SALESMAN WHO TESTIFIED HE HEARD LEE HARVEY OSWALD AND TWO OTHER MEN PLOTTING TO ASSASSINATE PRESIDENT KENNEDY, SAID TODAY HE UNDERWENT PSYCHIATRIC TREATMENT FOR TWO YEARS.

RUSSO TOOK THE STAND FOR THE SECOND DAY IN A PRELIMINARY HEARING TO DETERMINE IF CLAY SHAW SHOULD BE HELD FOR TRIAL.

AN ATTORNEY FOR SHAW, THE RETIRED EXECUTIVE ACCUSED BY DIST. ATTY.

JIM GARRISON OF BEING ONE OF THE ASSASSINATION CONSPIRATORS, WUIZZED RUSSO INTENSIVELY ABOUT THE PSYCHIATRIC TREATMENT.

RUSSO, WHO APPEARED MUCH CALMER THAN YESTERDAY WHEN HE RELATED
DETAILS OF THE ALLEGED CONSPIRACY, SAID HE VISITED A PSYCHIATRIST "WHEN
I NEEDED TO TALK TO SOMEONE." HE SAID HE HAD NOT SEEN A PSYCHIATRIST
IN 1967 BUT HAD BEEN UNDER TREATMENT FOR TWO YEARS AROUND 1960.

"DO YOU, ETC., 2ND GRAF PROBE BJT LEAD A188.

-- DASH--

EDS IN 3RD GRAF READ IT QUIZZED RUSSO ETC

G1223 PCS

£A22!NU

NEW ORLEANS 1ST ADD PROBE BJT 3RD LEAD A5NU: AROUND 1960.
RUSSO WAS ASKED WHEN HE FIRST MET DAVID W. FERRIE, THE FORMER
AIRLINES PILOT WHO RUSSO SAID CONSPIRED WITH OSWALD AND SHAW IN
SEPTEMBER 1963 TO KILL KENNEDY.

"IN 1960 OR 1961," RUSSO SAID.

Q. WHO INTRODUCED YOU TO HIM?

A. A FRIEND OF MINE NAMED AL LANDRY.

"DO YOU ETC 2ND GRAF PROBE BJT 2ND LEAD A188 AS BEFORE.

G110PCS

£A188!NU

PROBE BJT 2ND LEAD A138NU BY JOHN S. LANG ASSOCIATED PRESS WRITER

NEW ORLEANS, MARCH 15 (AP)-DEFENSE ATTORNEYS TODAY BEGAN AN INTENSIVE CROSS-EXAMINATION OF PERRY RAYMOND RUSSO, THE "CONFIDENTIAL IN-FORMANT" WHO TESTIFIED HE HEARD CLAY SHAW, LEE HARVEY OSWALD AND DAVID W. FERRIE PLOTTING TO KILL PRESIDENT JOHN F. KENNEDY.

"DO YOU BELIEVE IN GOD?" RUSSO WAS ASKED BY F. IRVING DYMOND, ONE OF FOUR LAWYERS REPRESENTING THE 54-YEAR-OLD SHAW.

"HOW DO YOU DEFINE GOD?" RESPONDED RUSSO, 25, AN INSURANCE SALESMAN.

ASKED FOR HIS OWN DEFINITION, RUSSO SAID: "GOD IS EVERYTHING, THE ENTITY OF THE UNIVERSE, ME, YOU, EVERYTHING."

- Q. YOU TOOK AN OATH TO TELL THE WHOLE TRUTH AND NOTHING BUT THE TRUTH, AND HOW DO YOU DEFINE TRUTH?
- A. I THINK I WOULD BE TELLING THE TRUTH TO THE BEST AS I KNEW IT . UNDER PENALTY OF THE LAW.
 - Q. UNDER PENALTY OF GOD?
 - A. GOD IS EVERYTHING. HE IS YOU, ME, EVERYTHING. I CONSIDER MY OATH A PROMISE TO GOD, TO MYSELF, TO EVERYONE IN THIS ROOM.

PRESIDING JUDGE BERNARD J. BAGERT CUT OFF THE LINE OF QUESTIONING BY SAYING: "THIS IS NOT A CATECHISM CLASS. LET'S MOVE ON OUT OF THIS AREA."

DYMOND THEN QUIZZED RUSSO ABOUT HIS FAMILY BACKGROUND AND FINANCES.

AT THE START OF TODAY'S SESSION, SHAW'S ATTORNEYS QUESTIONED

OFFICIALS FROM LOYOLA UNIVERSITY AND LAW SCHOOL ABOUT RUSSO'S STUDENT RECORDS.

FRANK J. STASS, REGISTRAR OF THE SCHOOL, TESTIFIED THAT RUSSO ONCE ATTENDED THE NEW ORLEANS INSTITUTION. DEAN ANTHONY PAPALE OF THE LAW SCHOOL IDENTIFIED RECORDS WHICH SHOWED RUSSO STUDIED LAW FOR ONE YEAR.

A189NU

SHAW'S ATTORNEYS TODAY SUBPOENAED THE TAPE OF AN INTERVIEW WITH RUSSO MADE BY WDSU-TV IN NEW ORLEANS FEB. 24, TWO DAYS AFTER THE DEATH OF FERRIE. DWIGHT MARTIN, VICE PRESIDENT OF WDSU-TV, BROUGHT THE TAPE AND A RECORDER INTO THE COURTROOM.

IN HIS APPEARANCE YESTERDAY, RUSSO SAID HE WAS IN FERRIE'S
APARTMENT IN SEPTEMBER 1963 AND HEARD SHAW, OSWALD AND FERRIE PLANNING
TO ASSASSINATE KENNEDY AND MAKE A GETAWAY.

SECURITY PRECAUTIONS FOR TODAY'S SESSION WERE INTENSIFIED BECAUSE OF THREATENING TELEPHONE CALLS, POLICE SAID.

A POLICEWOMAN AND A DEPUTY SHERIFF SEARCHED ALL PERSONS ENTERING THE SMALL COURTROOM.

POLICE ARRESTED AND BOOKED JAMES R. LISCOMBE, 30, FOR MAKING
THREATENING TELEPHONE CALLS. LISCOMBE IS A MUSICIAN IN A BOURBON
STREET NIGHT CLUB.

BEFORE COURT ETC THIRD GRAF A38 PROBE BJT ORIGINAL.

G1153ACS

A3!NU

NEW ORLEANS 1ST ADD PROBE BJT 2ND LEAD: NIGHT CLUB.

DYMOND ASKED RUSSO IF HE HAD EVER BEEN UNDER PSYCHIATRIC TREATMENT.

"LATE IN 1959 OR 1960, RUSSO REPLIED.

- Q. HOW LONG?
- A. TWO YEARS, THE LAST TIME I SAW THE DOCTOR WAS IN 1960 OR EARLY 1961.
 - Q. UNDER WHAT CIRCUMSTANCES DID YOU VISIT THE PSYCHIATRIST?
- A. WHEN MY MOTHER DIED. INSTANCES LIKE THAT. NOT ON A REGULAR BASIS.
 - Q. WHEN YOU WERE UNDER STRESS?
- A. NO. WHEN I NEEDED TO TALK TO SOMEONE. THIS DOCTOR KNEW MY BACKGROUND.

DYMOND THEN ASKED IF RUSSO HAD SEEN A PSYCHIATRIST IN 1967.

"I'VE TALKED TO MANY DOCTORS AT LSU (LOUISIANA STATE UNIVERSITY),"
RUSSO SAID. HE IS STUDYING INSURANCE UNDERWRITING AT THE BATON ROUGE
SCHOOL.

- Q. YOU DID NOT TALK PROFESSIONALLY WITH A PSYCHIATRIST?
- A. NO SIR.

DURING THE PROCEEDINGS, SHAW SAT ERECT AS ALWAYS, HIS JAWS CLENCHED. HIS SUIT WAS RUMPLED, THE TROUSERS BAGGING AROUND THE SHOES.

EIGHT PLAINCLOTHES OFFICERS WERE STATIONED AROUND THE COURTROOM.

BEFORE COURT ETC THIRD GRAF A38 AS BEFORE.

RM1216PCSNM

£A138!NU

PROBE BJT 1ST LEAD A38 -(160)
BY JOHN S. LANG
ASSOCIATED PRESS WRITER

NEW ORLEANS, MARCH 15 (AP)-EXTRA SECURITY PRECAUTIONS WERE TAKEN TODAY AS DIST. ATTY. JIM GARRISON'S PRELIMINARY HEARINGS ON THE KENNEDY ASSASSINATION WENT INTO ITS SECOND DAY.

PERRY RAYMOND RUSSO, WHO TESTIFIED HE HEARD LEE HARVEY OSWALD AND TWO OTHERS PLOT TO ASSASSINATE PRESIDENT JOHN F. KENNEDY, FACED CROSS-EXAMINATION TODAY BY DEFENSE LAWYERS.

POLICE, MEANWHILE, ARRESTED AND BOOKED A MAN FOR MAKING THREATENING TELEPHONE CALLS.

SHERIFF LOUIS HEYD SAID THERE WERE OTHER PHONE CALLS TO VARIOUS
PERSONS INVOLVED IN THE CASE AND HE TOOK EXTRA PRECAUTIONS BECAUSE
OF "ANTICIPATED TROUBLE."

JAMES R. LISCOMBE, 30, WAS ARRESTED AND BOOKED ON A CHARGE OF
MAKING THREATENING TELEPHONE CALLS. POLICE SAID LISCOMBE, WHO LISTED
A FRENCH QUARTER ADDRESS AS HIS HOME, TELEPHONED ORLEANS PARISH (COUNTY)
PRISON OFFICIALS AND SAID HE "INTENDED TO MAKE NATIONAL HEADLINES
IN NEW ORLEANS."

LISCOMBE, POLICE SAID, WAS SEEN YESTERDAY IN THE CROWD ON THE COURT HOUSE STEPS, PUSHING NEWSMEN AROUND AND JOSTLING BYSTANDERS.

COUNSEL FOR 2ND GRAF A38

POLICE

CM85 OACS NM

£A38

PROBE BJT 700

WIREPHOTO NU1, NU2

BY JOHN S. LANG

ASSOCIATED PRESS WRITER

NEW ORLEANS, IA., MARCH 15 (AP)-PERRY RAYMOND RUSSO, WHO TESTIFIED HE HEARD LEE HARVEY OSWALD AND TWO OTHERS PLOT TO ASSASSINATE PRESIDENT JOHN F. KENNEDY, FACES CROSS-EXAMINATION TODAY BY DEFENSE LAWYERS.

COUNSEL FOR CLAY L. SHAW, THE WEALTHY BUSINESSMAN ARRESTED BY DIST. ATTY. JIM GARRISON ON A CHARGE OF CONSPIRING WITH OSWALD AND DAVID W. FERRIE TO MURDER KENNEDY, PUT OFF THEIR QUESTIONS YESTERDAY UNTIL THEY COULD STUDY SCHOLASTED AND BUSINESS RECORDS OF RUSSO.

BEFORE COURT REOPENED, MYSTERY SURROUNDING THIS "CONFIDENTIAL INFORMANT" THICKENED. THE RIDDLE:

--RUSSO, 25, AN INSURANCE SALESMAN FROM BATON ROUGE, TOLD THE COURT HE WAS IN THE APARTMENT OF DAVID W. FERRIE HERE IN SEPTEMBER 1963 AND LISTENED TO THE THREE MEN CONSPIRE TO KILL THE PRESIDENT AND ESCAPE.

BUT TWO WEEKS AGO, SHORTLY AFTER FERRIE DIED OF WHAT THE CORONER TERMED NATURAL CAUSES AND GARRISON MAINTAINED WAS SUICIDE, RUSSO TOLD A NEWSMAN FROM NEW ORLEANS TELEVISION STATION WDSU THAT FERRIE NEVER MENTIONED OSWALD'S NAME TO HIM, ADDING, "I HAD NEVER HEARD OF OSWALD UNTIL ON TELEVISION...AHH...THE ASSASSINATION."

--RUSSO GAVE DETAIL IN COURT OF THE MEETING IN FERRIE'S APARTMENT, SAYING THE PLOT INVOLVED SACRIFICING ONE MAN TO ALLOW THE OTHERS TO MAKE A GETAWAY, A POSSIBLE FLIGHT TO CUBA, DIVERSIONARY SHOOTING AND "TRIANGULATION OF CROSSFIRE."

£A39

YET IN AN INTERVIEW EARLIER WITH A BATON ROUGE TELEVISION STATION, RUSSO EXPLAINED HE NEVER CAME FORTH WITH HIS INFORMATION BEFORE BECAUSE "I LEFT IT TO PROFESSIONALS...WHEN THEY CAME OUT WITH OSWALD WAS THE MAN. THEN I FORGOT IT."

--RUSSO TOLD THE COURT THAT FERRIE PROPOSED FLYING THE GETAWAY PLANE INTO MEXICO TO REFUEL FOR A FLIGHT TO CUBA. RUSSO SAID SHAW INTERRUPTED TO SAY THAT AS SOON AS THE SHOTS WERE FIRED "THE WORLD WOULD KNOW ABOUT IT," AND THERE WOULD BE NO WAY TO GET THE PLANE OUT OF MEXICO. AND RUSSO QUOTED OSWALD AS TELLING SHAW TO "SHUT UP. LEAVE HIM (FERRIE) ALONE. HE KNOWS WHAT HE'S TALKING ABOUT. HE'S THE PILOT."

BUT WHEN RUSSO WAS ASKED BY A NEWSMAN EARLIER WHETHER HE THOUGHT FERRIE MIGHT HAVE HAD ANYTHING TO DO WITH THE ASSASSINATION, HE REPLIED:

"WELL, THAT I DON'T KNOW AND IT WOULD BE JUST SPECULATION. DAVE FERRIE HAD THE ABILITY BECAUSE OF A KEEN MIND AND ABILITY TO DRIVE AN AIRPLANE. NOW WHETHER HE WOULD HAVE USED THAT IS ANOTHER THING... IT'S ONLY CONJECTURE."

--RUSSO HAS SAID HE DID NOT GET IN TOUCH WITH GARRISON UNTIL TWO DAYS AFTER FERRIE'S DEATH--WHEN HE SAW A NEWSPAPER PICTURE OF FERRIE. HE SAID HE HAD NOT THEN HEARD FROM GARRISON.

THAT IS THE SAME DATE ON WHICH GARRISON ANNOUNCED HE HAD "SOLVED"
THE CASE. AND RUSSO APPARENTLY IS A MAJOR WITNESS IN GARRISON'S
CASE--THE "CONFIDENTIAL INFORMANT" WHO, ACCORDING TO GARRISON'S
APPLICATION FOR A WARRANT TO SEARCH SHAW'S HOUSE, CONFIRMED WHILE
UNDER INFLUENCE OF "TRUTH SERUM" THAT HE OVERHEARD THE PLOT TO
MURDER KENNEDY.

OTHER PONDERABLES: RUSSO TOLD A NEWSMAN THAT FERRIE JOKINGLY
POSED THE QUESTION OF ASSASSINATING THE PRESIDENT TO HIM, "THAT
IF HE AND I COULD DO IT...IT COULD BE DONE." BUT IN THE SAME
INTERVIEW RUSSO SAID HE FIRST MET FERRIE WHEN HE BROKE OFF FERRIE'S
FRIENDSHIP WITH ANOTHER BOY. RUSSO ADDED, "AT THAT TIME DAVE MADE
A PERSONAL THREAT AGAINST MY LIFE."

£A40

KENNEDY WAS KILLED IN DALLAS NOV. 22, 1963--TWO MONTHS AFTER THE ALLEGED MEETING IN FERRIE'S APARTMENT. THE WARREN COMMISSION DECIDED THAT OSWALD WAS THE LONE ASSASSIN AND THERE WAS NO CREDIBLE.

EVIDENCE OF ANY CONSPIRACY.

SHAW IS THE ONLY ALLEGED CONSPIRATOR STILL ALIVE. OSWALD WAS SHOT TO DEATH BY JACK RUBY TWO DAYS AFTER THE ASSASSINATION AND FERRIE DIED IN BED FEB. 22.

SHAW, 54, A ONETIME ARMY MAJOR WHO WAS DECORATED IN WORLD WAR II, HAS DENIED TAKING PART IN ANY CONSPIRACY. U.S. ATTY. GEN. RAMSEY CLARK SAID THE FBI INVESTIGATED SHAW LATE IN 1963 AND CLEARED HIM OF ANY LINK TO THE ASSASSINATION.

RUSSO WAS THE FOURTH WITNESS TO TESTIFY YESTERDAY AT THE OPENING OF THE PRELIMINARY HEARING FOR SHAW. THE HEARING IS BEING HELD TO DETERMINE WHETHER THE DISTRICT ATTORNEY HAS SUFFICIENT CAUSE TO HOLD SHAW FOR TRIAL.

SPEAKING SO RAPIDLY AND INDISTINCTLY THAT COURT REPORTERS ASKED HIM TO SLOW DOWN, RUSSO TOLD HIS STORY WITH HIS EYES FIXED ON GARRISON.

THE PLOTTING WAS DONE, HE SAID, AT THE END OF A PARTY WHERE THERE WAS "DRINKING AND TALKING." HE SAID LEE HARVEY OSWALD WAS INTRODUCED TO HIM AS "LEON OSWALD," AND CLAY SHAW GAVE HIS NAME AS "CLEMBERTRAND."

BN35 GAES

£A41

650

NEW ORLEANS, LA., PROBE BJT A38-40 ADD: BERTRAND. "
UNDER GARRISON'S QUESTIONING, RUSSO DESCRIBED THE MEETING THIS WAY:
"THE PARTY DWINDLED AWAY...DAVE FERRIE BEGAN THE CONVERSATION,
PACING BACK AND FORTH AND TALKING TO BERTRAND AND OSWALD...FERRIE
WORE BAGGY PANTS. OSWALD WAS DIRTY, AS USUAL, AND HALF SHAVEN.
HE WORE A PULLOVER SHIRT THAT WAS NOT A T SHIRT. BERTRAND WAS THE
ONLY ONE DRESSED WHAT I'D CALL DECENT. HE WORE A MAROON JACKET."

THIS IS RUSSO'S ACCOUNT IN COURT, BASICALLY IN HIS OWN WORDS:

DAVE FERRIE BEGAN THE CONVERSATION, PACING BACK AND FORTH AND
TALKING TO BERTRAND AND OSWALD. THE DISCUSSION CENTERED AROUND AN
ASSASSINATION OF PRESIDENT KENNEDY AND HOW IT WOULD HAVE TO USE
DIVERSIONARY TACTICS. THERE WOULD BE TWO TO THREE PEOPLE INVOLVED.

ONE PRSON WOULD SHOOT

ONE PERSON WOULD SHOOT THE DIVERSIONARY SHOT AND THE OTHER WOULD SHOOT THE "GOOD SHOT." ONE MAN WOULD HAVE TO BE THE "SCAPEGOAT." FERRIE TALKED OF "TRIANGULATION OF CROSSFIRE."

BERTRAND LISTENED DURING THIS PHASE. FERRIE TALKED ABOUT THE AVAILABILITY OF EXITS. FERRIE HAD TWO PROPOSALS--ONE MAN SACRIFICED WOULD GIVE ENOUGH TIME FOR THE OTHERS TO ESCAPE. FERRIE WAS THE PILOT. HE SAID THEY WOULD GO TO MEXICO AND ON TO BRAZIL AND THEN ON TO CUBA. OR THEY WOULD GO DIRECT TO CUBA.

BERTRAND INTERRUPTED TO SAY AS SOON AS THE SHOT WAS FIRED THE WORLD WOULD KNOW ABOUT IT AND THEY COULD NOT GET A PLANE OUT OF MEXICO.

BERTRAND SAID HE AND FERRIE WOULD HAVE TO BE IN THE PUBLIC EYE ON THE DAY OF THE ASSASSINATION.

FERRIE THEN SAID HE WOULD MAKE A SPEECH AT SOUTHEASTERN LOUISIANA STATE COLLEGE IN HAMMOND. BERTRAND SAID HE WOULD GO TO THE WEST COAST FOR HIS COMPANY ON BUSINESS.

£A42

IT WAS HERE, AFTER GARRISON HAD BUILT RUSSO'S TESTIMONY TO A HIGH PITCH, THAT HE ASKED RUSSO TO STEP DOWN FROM THE STAND, WALK TO THE MAN HE KNEW AS BERTRAND AND PLACE HIS HAND OVER THAT MAN'S HEAD. RUSSO STRODE FIRMLY AROUND THE DEFENSE TABLE, STOPPED BEHIND CLAY SHAW AND PLACED HIS HAND PALM DOWNWARD ABOUT EIGHT INCHES OVER SHAW'S HEAD.

SHAW, HOLDING A CIGARETTE, GAZED STRAIGHT AT THE JUDGES' BENCH. HE WAS SLUMPED IN THE CHAIR, BUT RIGID. THE COURT RECESSED.

AFTER THE THREE-JUDGE PANEL OF CRIMINAL DISTRICT COURT JUDGES RECON-VENED, RUSSO CONTINUED THIS STORY, BACKTRACKING UNDER GARRISON'S QUES-TIONS:

OSW3(1 took OSW3(1

OSWALD SAID, "OH, SHUT UP. LEAVE HIM (FERRIE) ALONE. HE KNOWS'S WHAT HE'S TALKING ABOUT. HE'S THE PILOT."

BERTRAND ANSWERED, "AS FAR AS I'M CONCERNED, HE'S A WASHED UP PILOT."

FERRIE OFFERED A SOLUTION THAT THE PEOPLE INVOLVED SHOULD BE IN THE

PUBLIC EYE AND BE AROUND A LOT OF PEOPLE WHO COULD TESTIFY LATER THEY

WERE AT SUCH AND SUCH A PLACE AT SUCH AND SUCH A TIME.

BERTRAND SAID HE WOULD BE ON THE WEST COAST. OSWALD SAID NOTHING ELSE.

GARRISON STOPPED THIS TESTIMONY TO ASK WHETHER RUSSO EVER SAW OSWALD AGAIN. RUSSO SAID HE SAW OSWALD TWICE MORE.

"THE FIRST TIME WE MET, " RUSSO SAID, "OSWALD MADE A CRACK ABOUT.
NOT WANTING ME UP THERE (DURING THE CONSPIRACY DISCUSSION). HE SEEMED
DISTURBED ABOUT THE FACT I WAS THERE. . .

"THE FIRST OCCASION I SAW OSWALD (AFTER THE MEETING IN FERRIE'S APARTMENT), HE WAS WIPING OR CLEANING A RIFLE-BOLT ACTION. IT HAD A SIGHT ON IT-FOR HUNTING IT LOOKED LIKE."

£A43

GARRISON STOPPED RUSSO, DREW A RIFLE FROM BENEATH THE PROSECUTION TABLE, AND PLACED IT ON THE TABLE BEFORE SHAW'S ATTORNEYS, F. IRVING DYMOND, WILLIAM WEGMANN AND EDWARD WEGMANN. THE LAWYERS INSPECTED THE WEAPON.

**TELL US WHATEVER SIMILARITIES YOU MAY OR MAY NOT SEE BETWEEN THIS RIFLE AND THE ONE OSWALD WAS HOLDING, ** GARRISON ASKED RUSSO.

"THE DIFFERENCE TO MY MIND," SAID RUSSO, "IS ONE END OF THE SIGHT (ON OSWALD'S GUN) WAS NOT NEARLY SO BUBBLE-SHAPED AS THIS GUN. IT HAD THE SAME BOLT MECHANISM. THIS IS A POLISHED BROWN STOCK AND OSWALD'S GUN WAS A DULL BROWN."

RUSSO SAID THE LAST TIME HE SAW OSWALD, HE WALKED INTO FERRIE'S APARTMENT AND OSWALD WAS TELLING FERRIE ABOUT SOME TROUBLE WITH OSWALD'S WIFE.

"FERRIE WAS TELLING OSWALD, 'DON'T WORRY, I'LL HANDLE IT. 'AND I EXCUSED MYSELF AND LEFT." THE HEARING RECESSED AFTER THE DEFENSE FILED THREE MOTIONS FOR WRITS OF SUBPOENA. THOSE SUBPOENAED WERE THE REGISTRAR AT TULANE UNIVERSITY, WHERE RUSSO DID SOME UNDERGRADUATE STUDY; THE REGISTRAR AT LOYOLA UNIVERSITY, FROM WHICH RUSSO RECEIVED HIS BACHELOR'S DEGREE AND STUDIED LAW FOR ONE YEAR; AND THE PERSONNEL MANAGER FOR EQUITABLE LIFE ASSURANCE CO., RUSSO'S EMPLOYER.

BN/FF413AES